

*California Department of Transportation
Division of Maintenance*

Structure Maintenance and Investigations

B_{RIDGE}

I_{NSPECTION}

R_{ECORDS}

I_{NFORMATION}

S_{YSTEM}

The requested documents have been generated by BIRIS.

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Records for “Confidential” bridges may only be released outside the Department of Transportation upon execution of a confidentiality agreement.



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	125	133

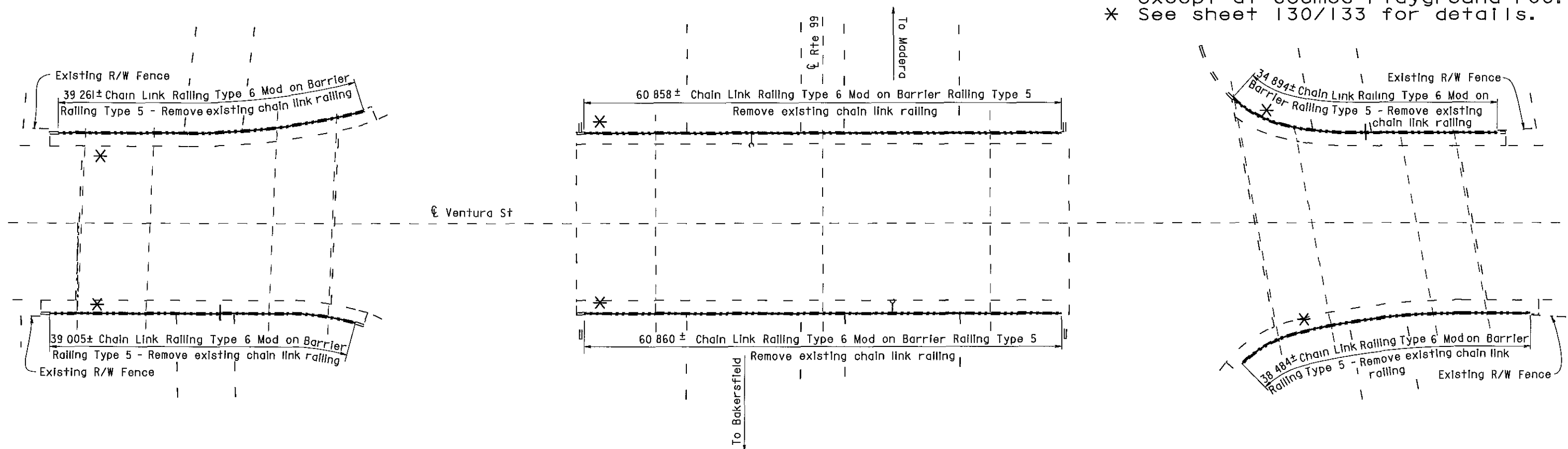
10/3/00
REGISTERED CIVIL ENGINEER
11-13-00
PLANS APPROVAL DATE
DIOSDADO ACOPA
No. 52003
Exp. 12-31-02
CIVIL
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet

VENTURA STREET OC 42-0158K QUANTITIES	LUMP SUM
BRIDGE REMOVAL (PORTION), LOCATION E CHAIN LINK RAILING (TYPE 6 MODIFIED)	78 m
VENTURA STREET OC 42-0158E QUANTITIES	LUMP SUM
BRIDGE REMOVAL (PORTION), LOCATION F CHAIN LINK RAILING (TYPE 6 MODIFIED)	122 m
VENTURA STREET OC 42-0158S QUANTITIES	LUMP SUM
BRIDGE REMOVAL (PORTION), LOCATION G CHAIN LINK RAILING (TYPE 6 MODIFIED)	74 m

NOTES

- — Indicates existing
- C Indicates approximate location of existing electrolter (To remain)
- ↓ Indicates approximate location of remove and reinstall sign on new post
- Closure between existing R/W Fence and new Chain Link Railing to be made at all existing locations, see "Chain Link Railing Type 6 Mod No 2" sheet for details

- * Note: The addition of a 1/4" x 3" x 20' cover plate to all bridge railing except at Cosmos Playground POC.
- * See sheet 130/133 for details.



Br No 42-0158K

Bridges 42-0158K and 42-0158S were both painted with Color No. 20109 - "Deep red".

Br No. 42-0158E

VENTURA STREET OC

Fre, KP 32 5
1 250

AS BUILT

MRC 1-3-03

CORRECTIONS BY John Borquez
CONTRACT NO 06-440104
DATE 11-14-02

Br No 42-0158S

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

DESIGN	BY	DATE	CHECKED	DATE	LAYOUT	BY	DATE	CHECKED	DATE	STATE OF CALIFORNIA	ENGINEERING SERVICE CENTER	BRIDGE NO	ROUTE 99 BRIDGES
DESIGN ENGINEER	D Acoba	4/00	F Tannous	5/00	LAYOUT	K Endow	4/00	D Acoba	4/00	DEPARTMENT OF TRANSPORTATION	STRUCTURE MAINTENANCE	Various	GENERAL PLAN NO. 3
DETAILS	K Endow	4/00	F Tannous	5/00	SPECIFICATIONS	J Maroney	9/00	J Maroney	9/00	CU 06015	EA 440101	Varies	
QUANTITIES	D Acoba	5/00	F Tannous	5/00						FILE => nagp3.dgn			

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 11/06/99)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

REVISION DATES (PRELIMINARY STAGE ONLY)

5/15/00 7/17/00 9/28/00 10/3/00

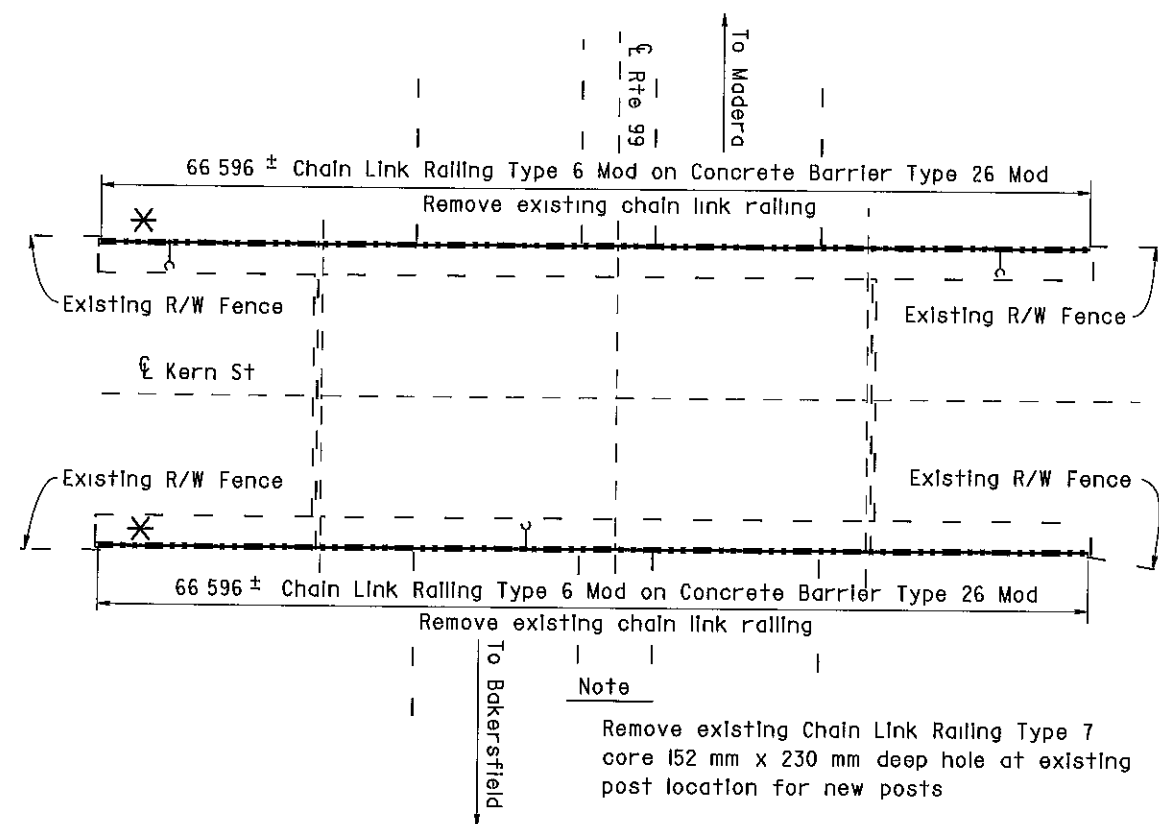
SHEET 3 OF 11



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	126	133

10/3/00
REGISTERED CIVIL ENGINEER
11-13-00
PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
DIOSDADO ACOPA
No. 52003
Exp. 12-31-02
CIVIL
STATE OF CALIFORNIA



KERN STREET OC
Br No 42-0159, Fre, KP 33 0
I 250

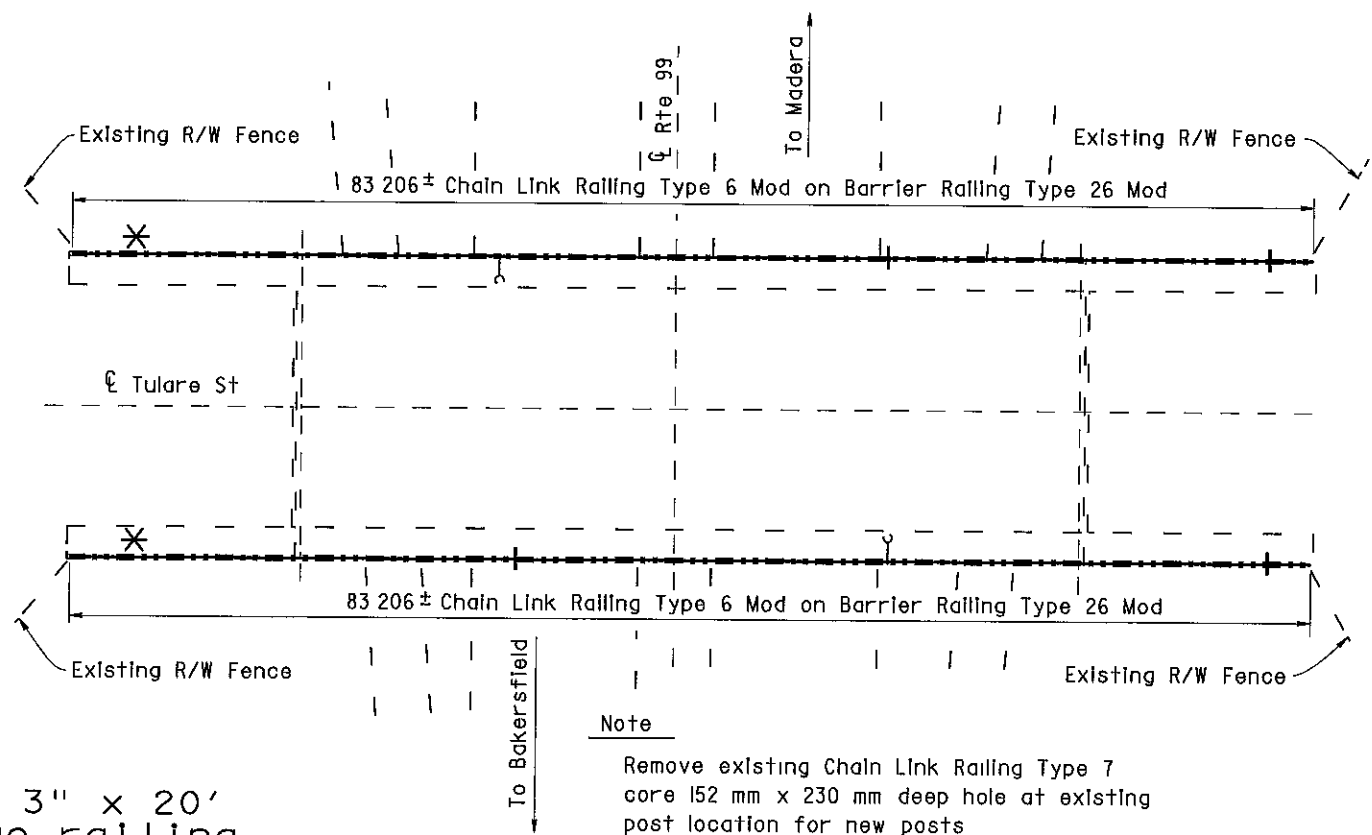
KERN STREET OC 42-0159
QUANTITIES
BRIDGE REMOVAL (PORTION), LOCATION H
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM 133 m

TULARE STREET OC 42-0169
QUANTITIES
BRIDGE REMOVAL (PORTION), LOCATION I
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM 166 m

NOTE
THE CONTRACTOR SHALL VERIFY ALL
CONTROLLING FIELD DIMENSIONS
BEFORE ORDERING OR FABRICATING
ANY MATERIAL

NOTES
— — Indicates existing
(Indicates approximate location of
existing electroliter (To remain)
↓ Indicates approximate location of
remove and reinstall sign on new post

Closure between existing R/W Fence
and new Chain Link Railing to be
made at all existing locations, see
"Chain Link Railing Type 6 Mod
No 2" sheet for details



TULARE STREET OC
Br No 42-0169, Fre, KP 33 2
I 250

* Note:
The addition of a 1/4" x 3" x 20'
cover plate to all bridge railing
except at Cosmos Playground POC.
* See sheet 130/133 for details.

AS BUILT
MRC 1-3-03
CORRECTIONS BY John Borquez
CONTRACT NO 06-440104
DATE 11-14-02

DESIGN ENGINEER Michael J Lee 10/3/00	DESIGN	BY D Acoba 4/00	CHECKED F Tannous 5/00	LAYOUT	BY K Endow 4/00	CHECKED D Acoba 4/00	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	ENGINEERING SERVICE CENTER STRUCTURE MAINTENANCE	BRIDGE NO	ROUTE 99 BRIDGES GENERAL PLAN NO. 4
	DETAILS	BY K Endow 4/00	CHECKED F Tannous 5/00		BY J Maroney 9/00	PLANS AND SPECS COMPARED J Maroney 9/00			Various	
	QUANTITIES	BY D Acoba 5/00	CHECKED F Tannous 5/00		SPECIFICATIONS	BY J Maroney 9/00			PLANS AND SPECS COMPARED J Maroney 9/00	

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 11/6/99)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

CU 06015
EA 440101

DISREGARD PRINTS BEARING
EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

3/15/00	7/17/00	9/26/00	10/3/00						
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SHEET 4 OF 11



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	127	133

10/3/00
REGISTERED CIVIL ENGINEER
DIOSDADO ACOBA
No 52003
Exp 12-31-02
CIVIL
STATE OF CALIFORNIA

11-13-00
PLANS APPROVAL DATE

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NOTE
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NOTES

— — Indicates existing

(Indicates approximate location of existing electroliner (To remain)

Closure between existing R/W Fence and new Chain Link Railing to be made at all existing locations, see "Chain Link Railing Type 6 Mod No 2" sheet for details

- * Note:
The addition of a 1/4" x 3" x 20' cover plate to all bridge railing except at Cosmos Playground POC.
- * See sheet 130/133 for details.

AS BUILT

MRC 1-3-03

CORRECTIONS BY John Borquez

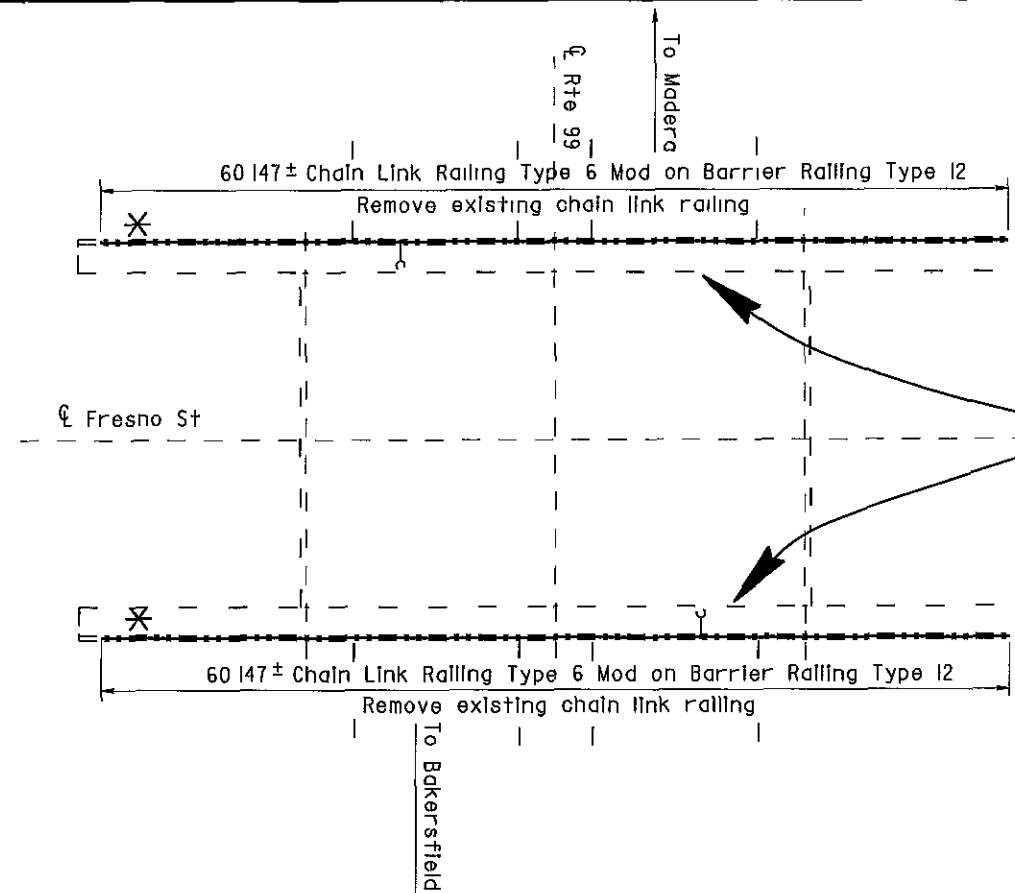
CONTRACT NO 06-440104

DATE 11-14-02

FRESNO STREET OC 42-0170
QUANTITIES
BRIDGE REMOVAL (PORTION), LOCATION J
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM
120 m

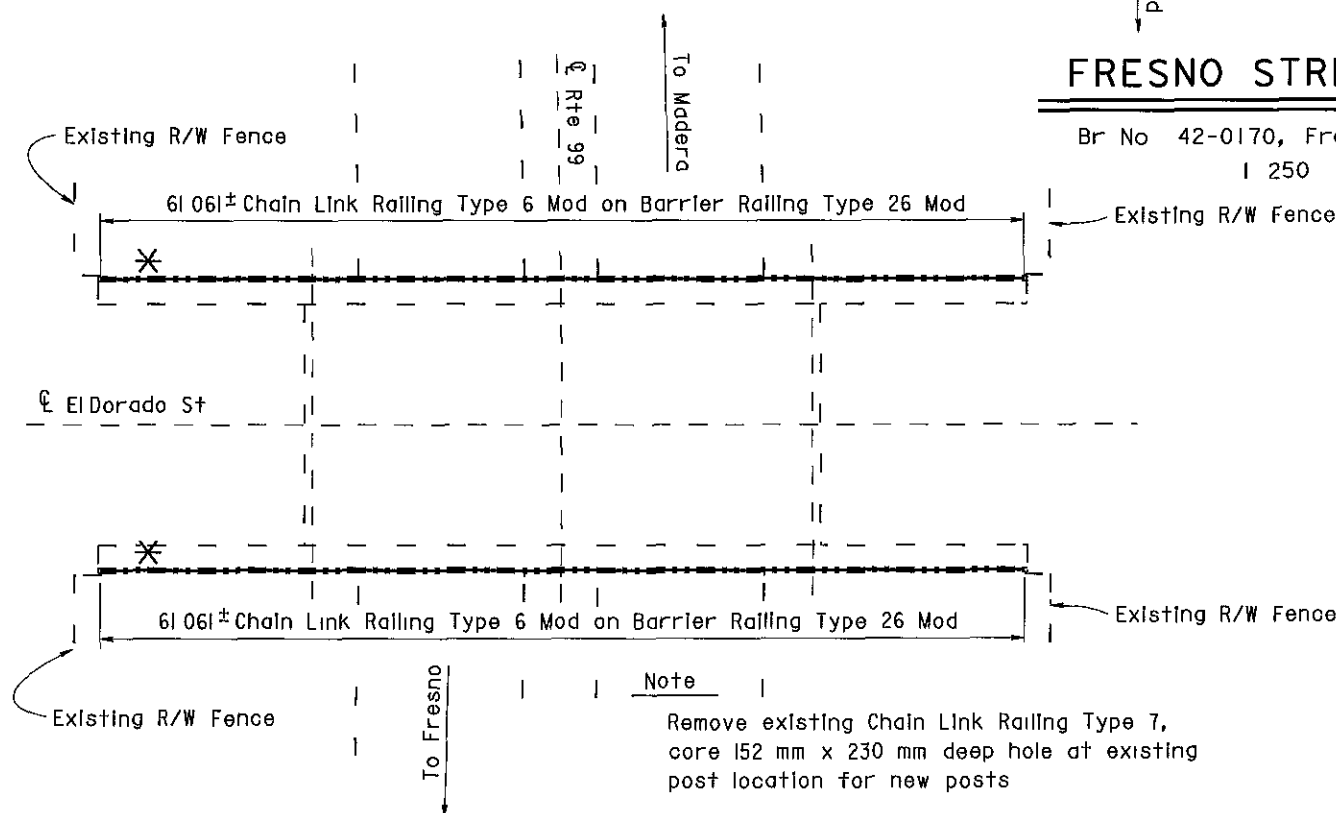
EL DORADO STREET OC 42-0184
QUANTITIES
BRIDGE REMOVAL (PORTION), LOCATION K
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM
122 m

BELMONT AVENUE OC 42-0186
QUANTITIES
BRIDGE REMOVAL (PORTION), LOCATION L
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM
138 m



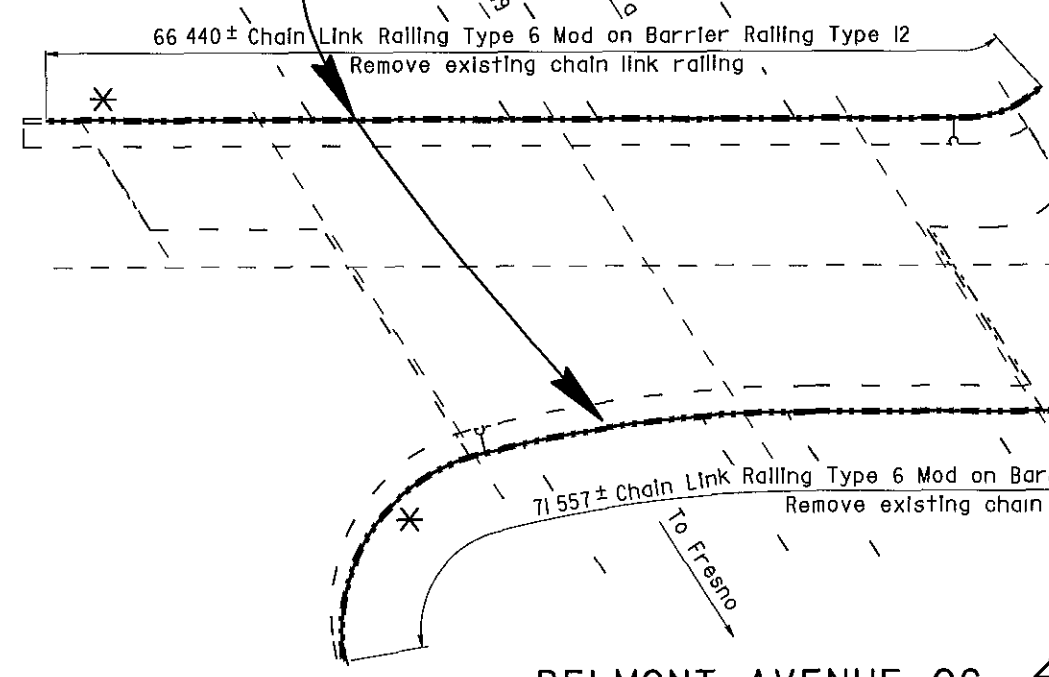
FRESNO STREET OC

Br No 42-0170, Fre, KP 33 3
I 250



EL DORADO STREET OC

Br No 42-0184, Fre, KP 34 6
I 250



BELMONT AVENUE OC

Br No 42-0186, Fre, KP 36 5
I 250



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

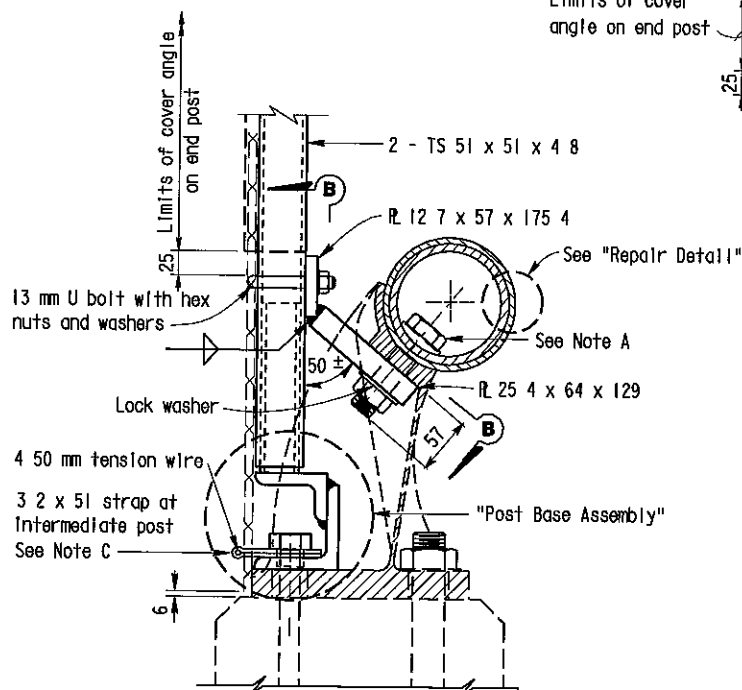
 DESIGN ENGINEER 10/3/00	DESIGN	BY D Acoba	4/00	CHECKED F Tannous	5/00	LAYOUT	BY K Endow	4/00	CHECKED D Acoba	4/00	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	ENGINEERING SERVICE CENTER STRUCTURE MAINTENANCE	BRIDGE NO	Various	ROUTE 99 BRIDGES GENERAL PLAN NO. 5
	DETAILS	BY K Endow	4/00	CHECKED F Tannous	5/00	SPECIFICATIONS	BY J Maroney	9/00	CHECKED J Maroney	9/00			KILOMETER POST	Varies	
	QUANTITIES	BY D Acoba	5/00	CHECKED F Tannous	5/00										
	ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS												CU 06015 EA 440101	DISREGARD PRINTS BEARING EARLIER REVISION DATES	

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 11/06/99)

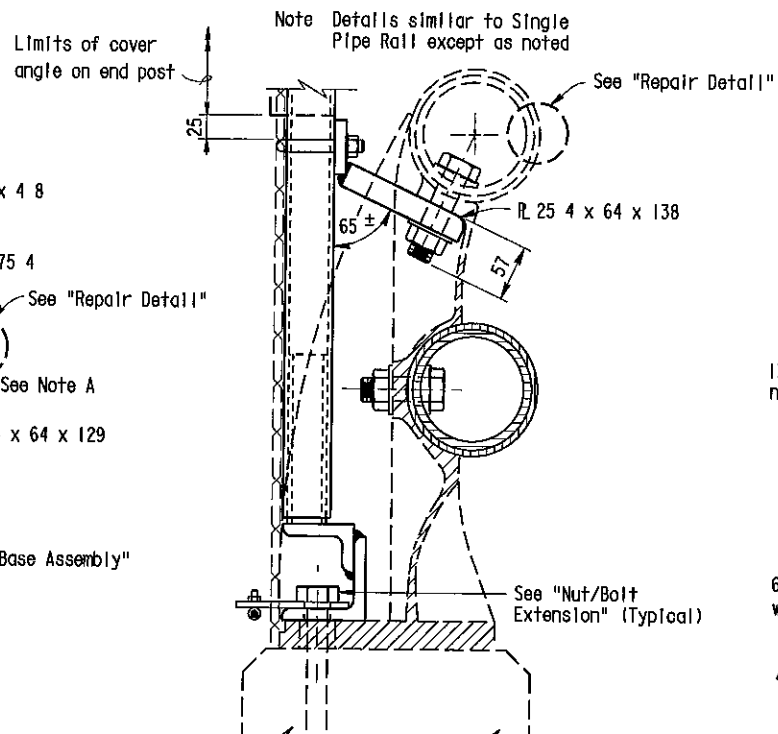
FILE => nagg5.dgn

Note A

Replace existing bolt with 25 mm x 102 mm bolt



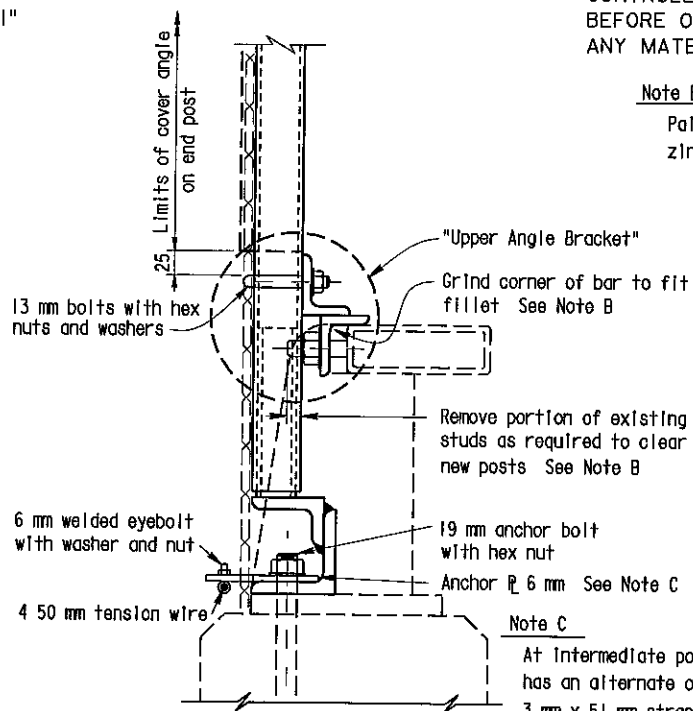
**SECTION A-A
(SINGLE PIPE RAIL)**



**SECTION A-A
(DOUBLE PIPE RAIL)**

ATTACHMENT DETAILS

Note Details for Type 9 and Type 11 Metal Railing are similar, Type 11 not shown



**SECTION A-A
(TUBE RAIL)**

Note C
At intermediate posts only contractor has an alternate of 3 mm x 51 mm strap or 6 4 mm anchor plate with eyebolt

NOTE
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

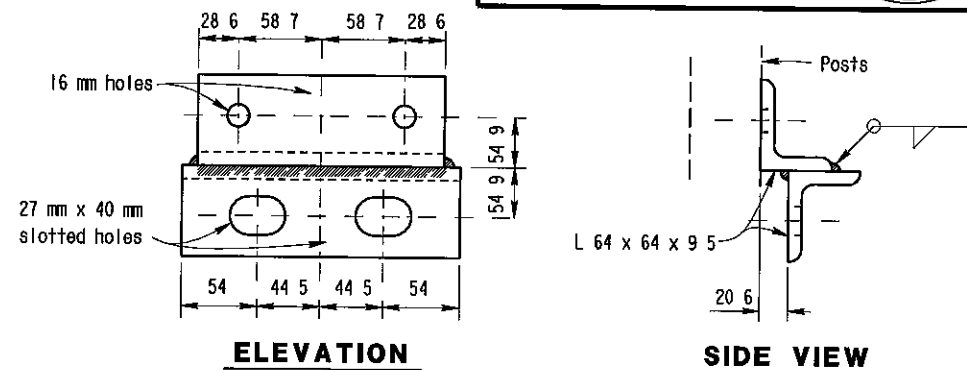
Note B

Paint all cut and ground surfaces with zinc rich paint

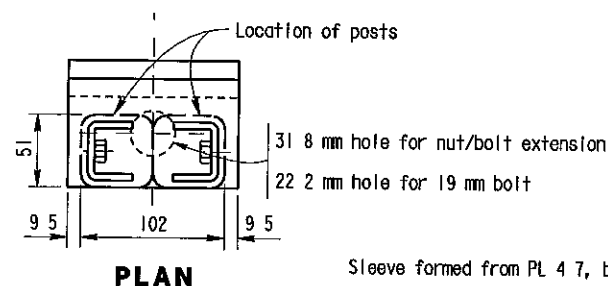


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	132	133

10/3/00
REGISTERED CIVIL ENGINEER
11-13-00
PLANS APPROVAL DATE
DIOSDADO ACOBA
No 52003
Exp 12-31-02
CIVIL
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STATE OF CALIFORNIA

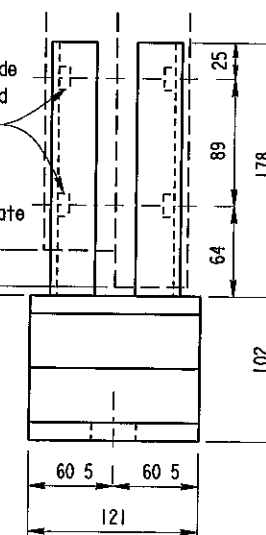


UPPER ANGLE BRACKET

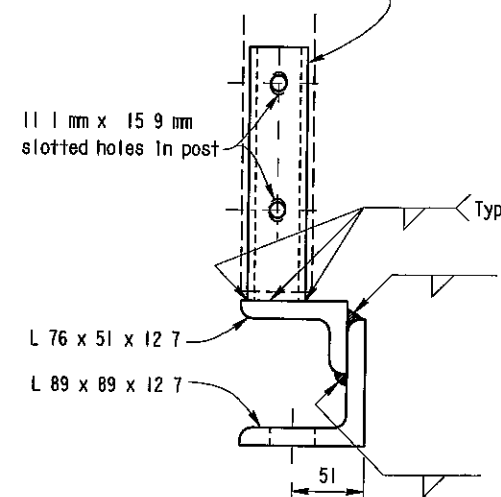


PLAN

Sleeve formed from PL 4 7, bent thus for sliding fit inside of post - Typ

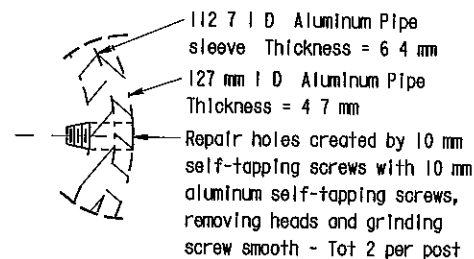


ELEVATION

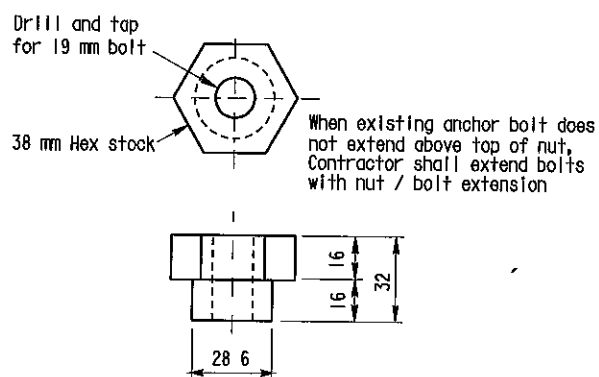


SIDE VIEW

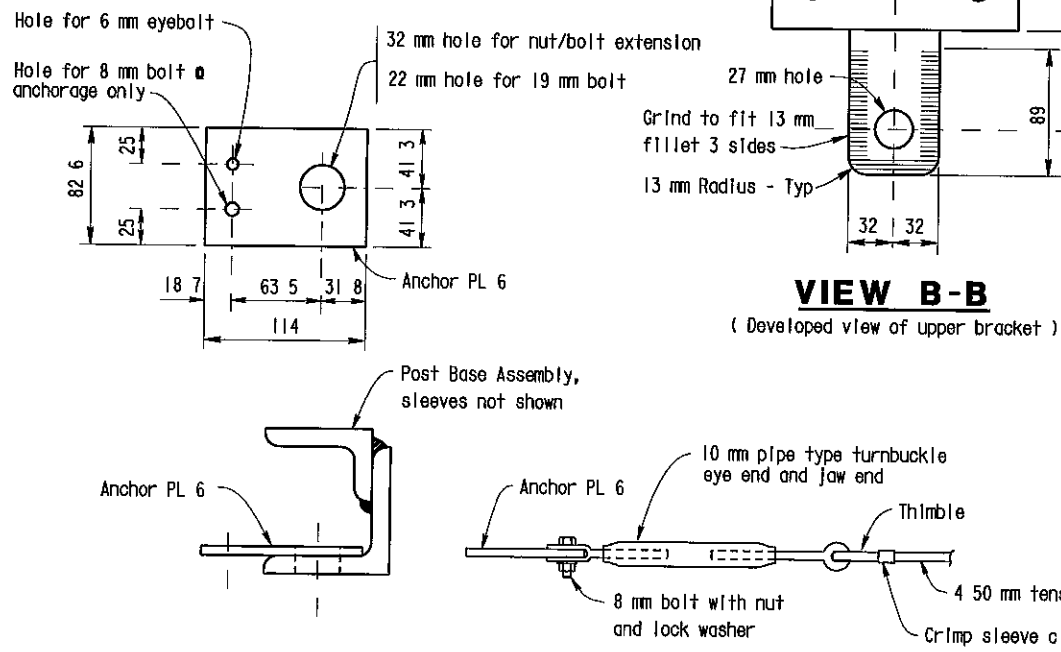
POST BASE ASSEMBLY



REPAIR DETAIL



NUT/BOLT EXTENSION



VIEW B-B

(Developed view of upper bracket)

NO CORRECTIONS AS BUILT

MRC 1-3-03

CORRECTIONS BY John Borquez

CONTRACT NO 06-440104

DATE 11-14-02

BOTTOM ANCHORAGE DETAIL

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

DESIGN	BY D Acoba	5/00	CHECKED F Tannous	5/00
DETAILS	BY K Endow	5/00	CHECKED F Tannous	5/00
QUANTITIES	BY D Acoba	5/00	CHECKED F Tannous	5/00

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ENGINEERING SERVICE CENTER
STRUCTURE MAINTENANCE

BRIDGE NO
Various
KILOMETER POST
Varies

ROUTE 99 BRIDGES
CHAIN LINK RAILING TYPE 6 MOD NO. 3

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 11/6/99)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

CU 06015
EA 440101

FILE > nat63.dgn

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

5/12/00 7/17/00 9/28/00 10/3/00

SHEET 10 OF 11



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	124	133

10/3/00
REGISTERED CIVIL ENGINEER
11-13-00
PLANS APPROVAL DATE
No 52003
Exp 12-31-02
CIVIL
DIOSDADO ACODA
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NOTE
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BEFORE ORDERING OR FABRICATING
ANY MATERIAL

NOTES

- — Indicates existing
- (Indicates approximate location of existing electrolier (To remain)

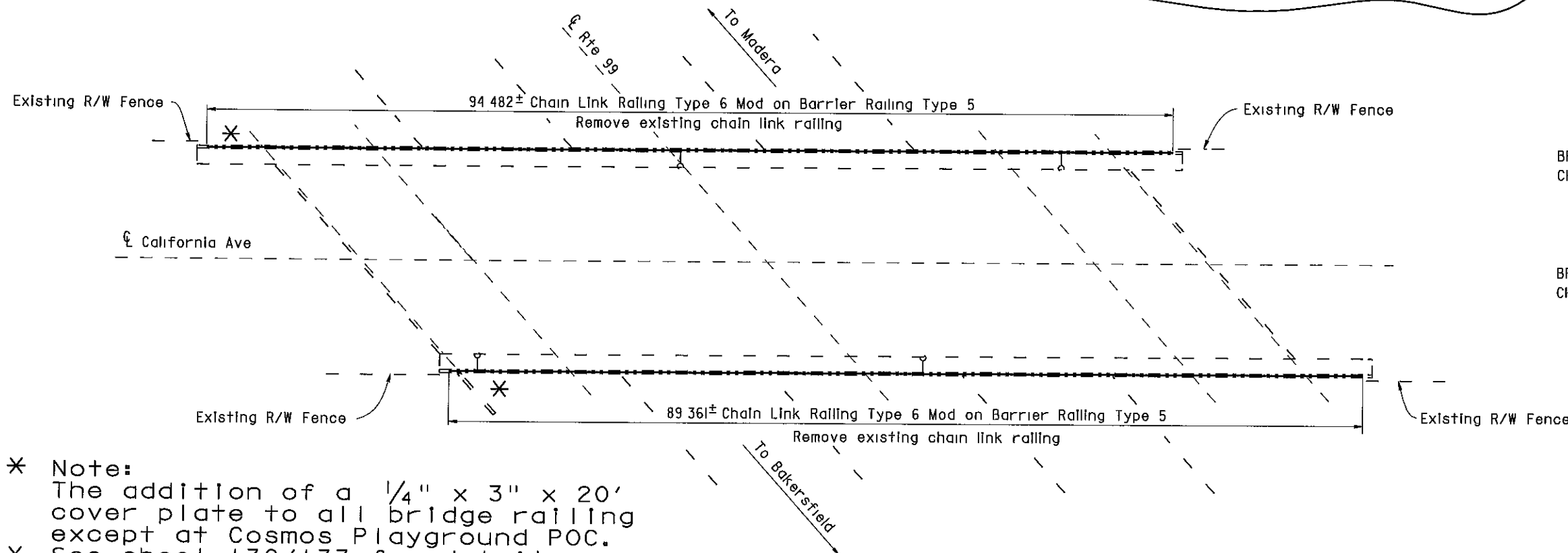
Closure between existing R/W Fence and new Chain Link Railing to be made at all existing locations, see "Chain Link Railing Type 6 Mod No 2" sheet for details

Access opening was fabricated for City access to electroliers

- Existing chain link railing remained and was painted.
- New 1" mesh was installed and replaced the old 2" mesh.
- Existing electroliers remained.

COSMOS PLAYGROUND POC

Br No 42-0215, Fre, KP 31 2
I 250



- * Note:
The addition of a 1/4" x 3" x 20' cover plate to all bridge railing except at Cosmos Playground POC.
- * See sheet 130/133 for details.

CALIFORNIA AVENUE OC

Br No 42-0217, Fre, KP 32 0
I 250



COSMOS PLAYGROUND POC 42-0215

QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION C
CHAIN LINK RAILING (TYPE 3 MODIFIED) LUMP SUM 209 m

CALIFORNIA AVENUE OC 42-0217

QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION D
CHAIN LINK RAILING (TYPE 6 MODIFIED) LUMP SUM 184 m

AS BUILT

MRC 1-3-03

CORRECTIONS BY John Borquez

CONTRACT NO 06-440104

DATE 11-14-02

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

DESIGN	BY	DATE	CHECKED	DATE	LAYOUT	BY	DATE	CHECKED	DATE	STATE OF CALIFORNIA	ENGINEERING SERVICE CENTER	BRIDGE NO	ROUTE 99 BRIDGES
DESIGN	D Acoba	4/00	F Tannous	5/00	LAYOUT	K Endow	4/00	D Acoba	4/00	DEPARTMENT OF TRANSPORTATION	STRUCTURE MAINTENANCE	Various	GENERAL PLAN NO. 2
DETAILS	K Endow	4/00	F Tannous	5/00	SPECIFICATIONS	J Maroney	9/00	J Maroney	9/00	CU 06015	EA 440101	Varies	
QUANTITIES	D Acoba	5/00	F Tannous	5/00									

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 10/6/99)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

DISREGARD PRINTS BEARING EARLIER REVISION DATES

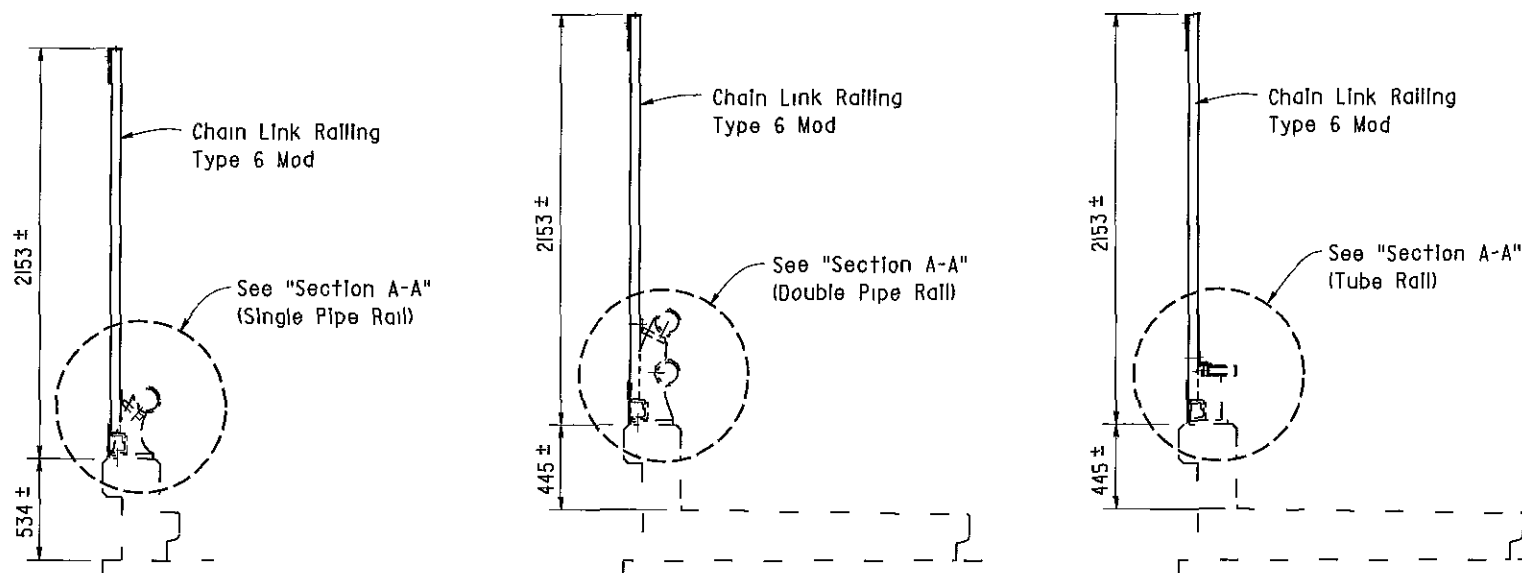
REVISION DATES (PRELIMINARY STAGE ONLY)

5/15/00 7/17/00 9/26/00 10/3/00

SHEET 2 OF 11

NO CORRECTIONS AS BUILT

MRC 1-3-03
CORRECTIONS BY John Borquez
CONTRACT NO 06-440104
DATE 11-14-02



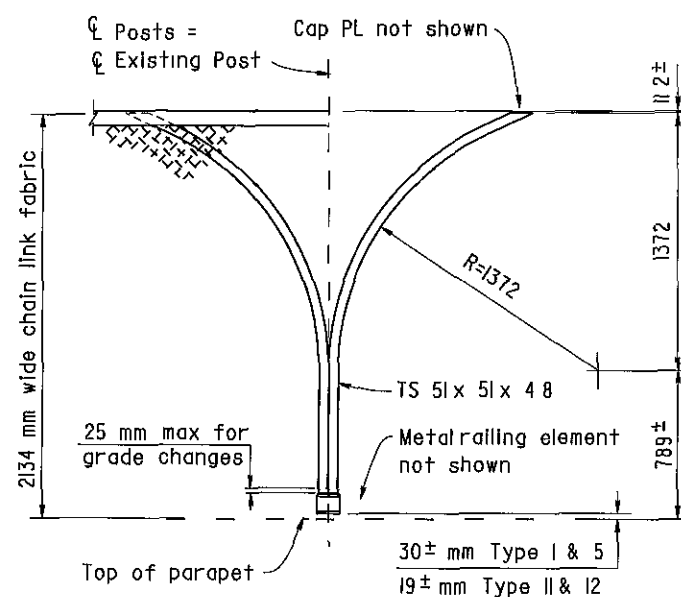
TYPE I

TYPE 5

TYPE 12

BARRIER RAILING SECTIONS

Existing chain link railing not shown
1 20

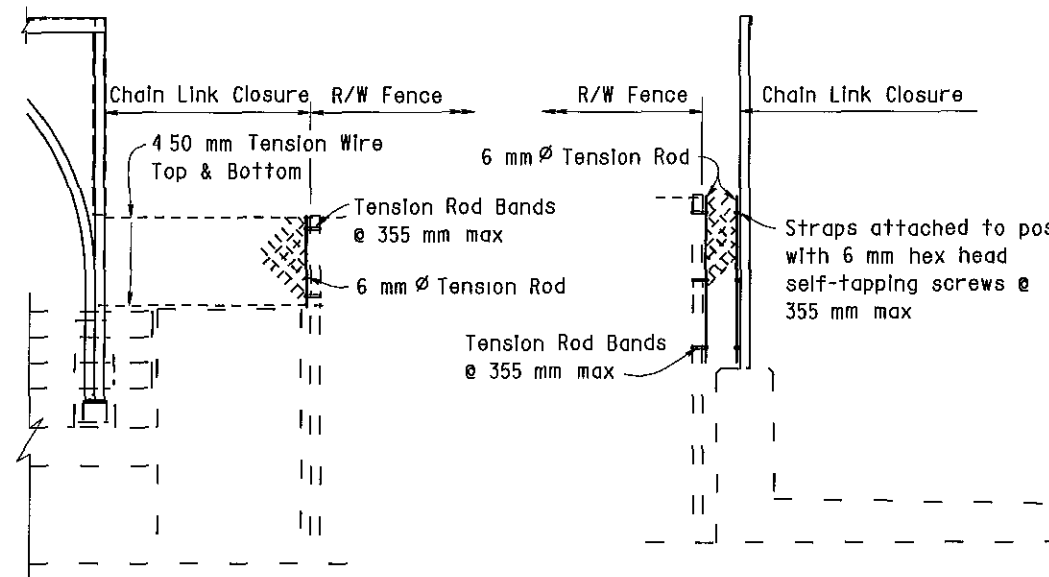


PART OUTSIDE ELEVATION

Note For details and notes not shown, see "Chain Link Railing Type 6 Mod No 1" sheet
1 10

TYPE A NORTH AVE OC - 2 Locations
CHURCH AVE OC - 4 Locations
CALIFORNIA AVE OC - 4 Locations
VENTURA ST OC - 4 Locations

TYPE B KERN ST OC - 4 Locations
TULARE ST OC - 4 Locations
EL DORADO ST OC - 4 Locations



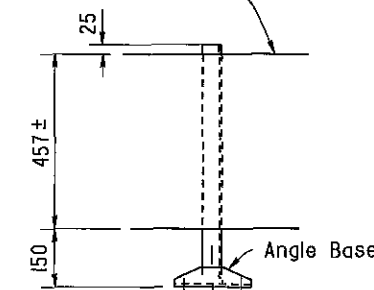
TYPE A

TYPE B

R/W FENCE CONNECTION

1 10

Remove existing sign panels and reinstall on new post

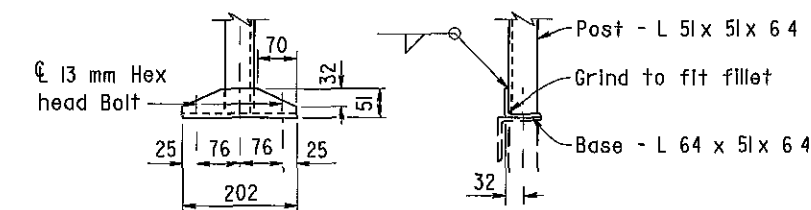


TULARE ST OC

4 Locations

Note

Reinstall signs at approximately the same location on chain link railing as existing

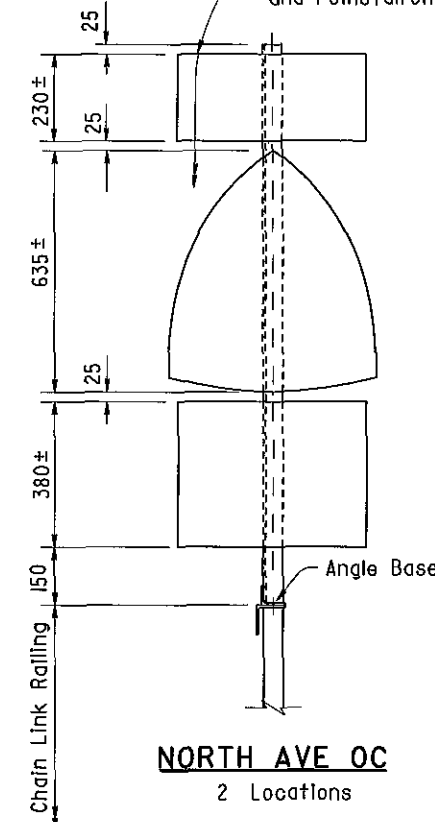


ANGLE BASE

Note

Hot dip galvanize sign post after fabrication
Field drilled holes to be painted with zinc rich paint

Remove existing sign panels and reinstall on new post



NORTH AVE OC

2 Locations

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

DESIGN	BY D Acoba	5/00	CHECKED F Tannous	5/00
DETAILS	BY K Endow	5/00	CHECKED F Tannous	5/00
QUANTITIES	BY D Acoba	5/00	CHECKED F Tannous	5/00

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ENGINEERING SERVICE CENTER
STRUCTURE MAINTENANCE

BRIDGE NO
Various
KILOMETER POST
Varies

ROUTE 99 BRIDGES
CHAIN LINK RAILING TYPE 6 MOD NO. 2



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	123	133

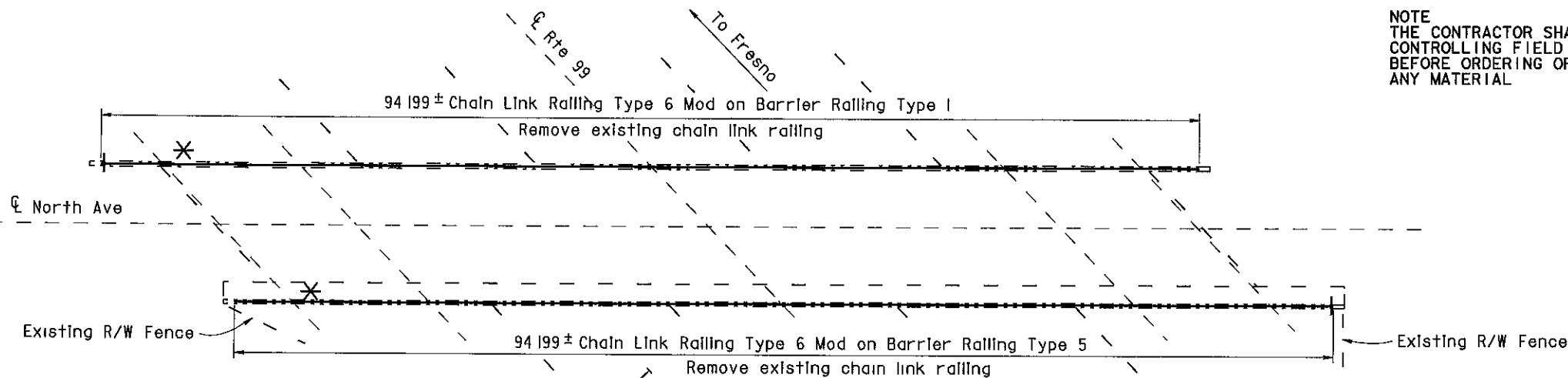
10/3/00
REGISTERED CIVIL ENGINEER

11-13-00
PLANS APPROVAL DATE

DIOSDADO ACOPA
No 52003
Exp 12-31-02
CIVIL
STATE OF CALIFORNIA

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ANY MATERIAL



- * Note:
The addition of a 1/4" x 3" x 20' cover plate to all bridge railing except at Cosmos Playground POC.
- * See sheet 130/133 for details.

NORTH AVENUE OC

Br No 42-0210, Fre, KP 27 8
I 250



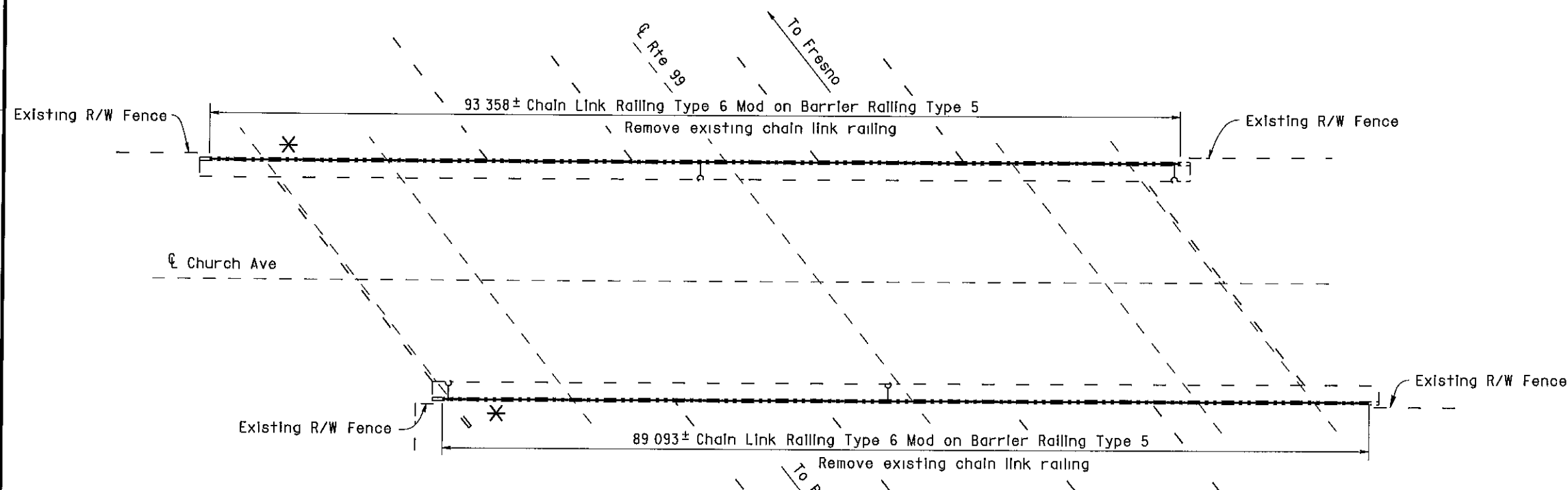
Existing electrolliers removed from Church Ave. O.C.

NOTES

- — Indicates existing
- C Indicates approximate location of existing electrollier (To remain)
- ↓ Indicates approximate location of remove and reinstall sign on new post
- Closure between existing R/W Fence and new Chain Link Railing to be made at all existing locations, see "Chain Link Railing Type 6 Mod No 2" sheet for details

INDEX TO PLANS

SHEET NO	TITLE
1	GENERAL PLAN NO 1
2	GENERAL PLAN NO 2
3	GENERAL PLAN NO 3
4	GENERAL PLAN NO 4
5	GENERAL PLAN NO 5
6	GENERAL PLAN NO 6
7	GENERAL PLAN NO 7
8	CHAIN LINK RAILING TYPE 6 MOD NO 1
9	CHAIN LINK RAILING TYPE 6 MOD NO 2
10	CHAIN LINK RAILING TYPE 6 MOD NO 3
11	CHAIN LINK RAILING TYPE 3 MOD



CHURCH AVENUE OC

Br No 42-0214, Fre, KP 30 9
I 250



AS BUILT

MRC 1-3-03

CORRECTIONS BY John Borquez

CONTRACT NO 06-440104

DATE 11-14-02

NORTH AVENUE OC 42-0210	QUANTITIES	
BRIDGE REMOVAL (PORTION), LOCATION A	LUMP SUM	
CHAIN LINK RAILING (TYPE 6 MODIFIED)	189 m	
CHURCH AVENUE OC 42-0214	QUANTITIES	
BRIDGE REMOVAL (PORTION), LOCATION B	LUMP SUM	
CHAIN LINK RAILING (TYPE 6 MODIFIED)	183 m	

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

DESIGN	BY	DATE	CHECKED	DATE	LAYOUT	BY	DATE	CHECKED	DATE	STATE OF CALIFORNIA	ENGINEERING SERVICE CENTER	BRIDGE NO	ROUTE 99 BRIDGES
DESIGN ENGINEER	D Acoba	4/00	F Tannous	5/00	LAYOUT	K Endow	4/00	D Acoba	4/00	DEPARTMENT OF TRANSPORTATION	STRUCTURE MAINTENANCE	Various	GENERAL PLAN NO. 1
DETAILS	K Endow	4/00	F Tannous	5/00	SPECIFICATIONS	J Maroney	9/00	J Maroney	9/00			KILOMETER POST	
QUANTITIES	D Acoba	5/00	F Tannous	5/00								Varies	

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 10/6/99)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

CU 06015
EA 440101

DISREGARD PRINTS BEARING
EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

5/15/00 7/17/00 9/28/00 10/3/00

SHEET 1 OF 11

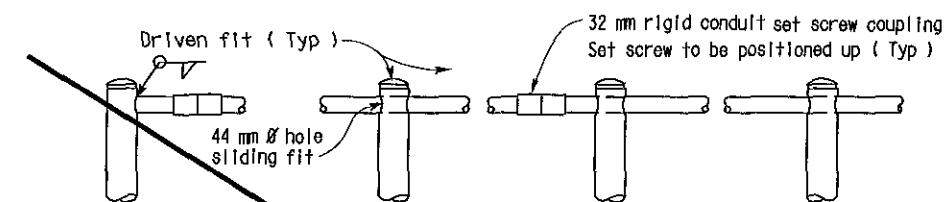
DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
06	Fre	99	23 3/50 7	133	133

~~8844-1~~ 10-3-00
 REGISTERED ENGINEER - CIVIL
 11-13-00

PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

REGISTERED PROFESSIONAL ENGINEER
 DIOSDADO ACOBA
 No. 52003
 EXP. 12 31 02
 CIVIL
 STATE OF CALIFORNIA

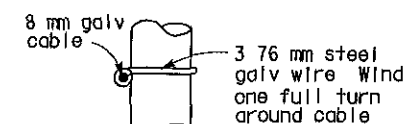


END POST

INTERMEDIATE POSTS

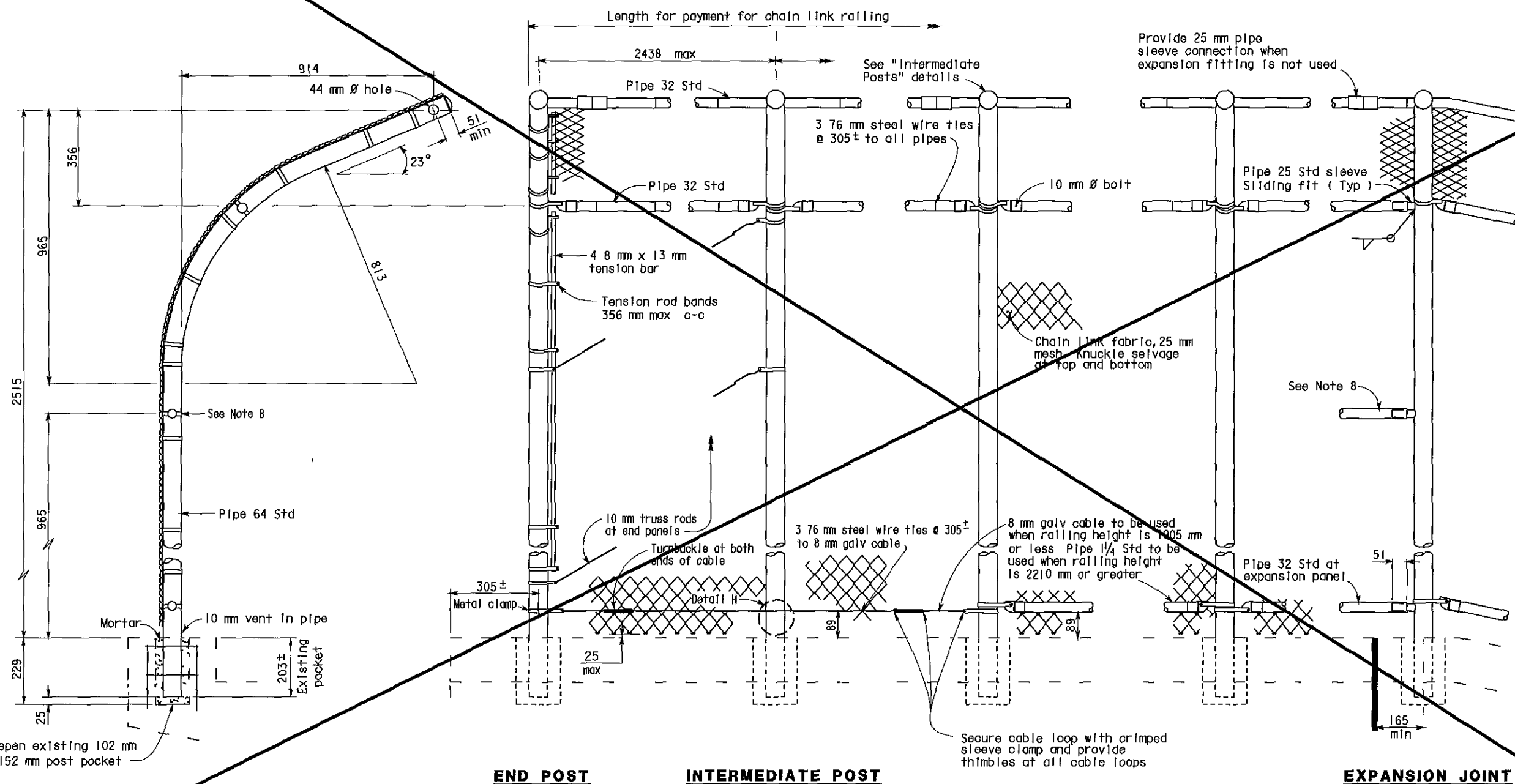


PLAN



ELEVATION

DETAIL H



TYPICAL POST DETAIL

ELEVATION

EXPANSION JOINT

SPECIAL DETAIL

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

STANDARD DRAWING				
FILE NO	XS 9 81	DESIGN	BY <i>R W BISHOP</i>	CHECKED <i>J HAMAGUCHI</i>
DRAWING DATE	Revised	DETAILS	BY <i>R YEE</i>	CHECKED <i>J HAMAGUCHI</i>
		SUBMITTED BY <i>R W BISHOP</i>		
				<i>[Signature]</i> DESIGN SUPERVISOR
DS OSD 2147A (METRIC) (REV 2/25/97)				

① Revised sheet - removed handrailing and electrical details and notes

STATE OF
CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**ENGINEERING
SERVICE CENTER
STRUCTURE MAINTENANCE**

BRIDGE NO	Various
KILOMETER POS	Varies

ROUTE 99 BRIDGES

CHAIN LINK RAILING TYPE 3 MOD

DISREGARD PRINTS BEARING
EARLIER REVISION DATES -

REVISION DATES (PRELIMINARY STAGE ONLY)				
00	7/1/2000	9/28/00	10/3/00	

	SHEET	
	11	



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
06	Fre	99	23 3/50 7	128	133

REGISTERED CIVIL ENGINEER
10/3/00
11-13-00
PLANS APPROVAL DATE
No 52003
Exp 12-31-02
CIVIL
STATE OF CALIFORNIA
DIOSDADO ACOPA

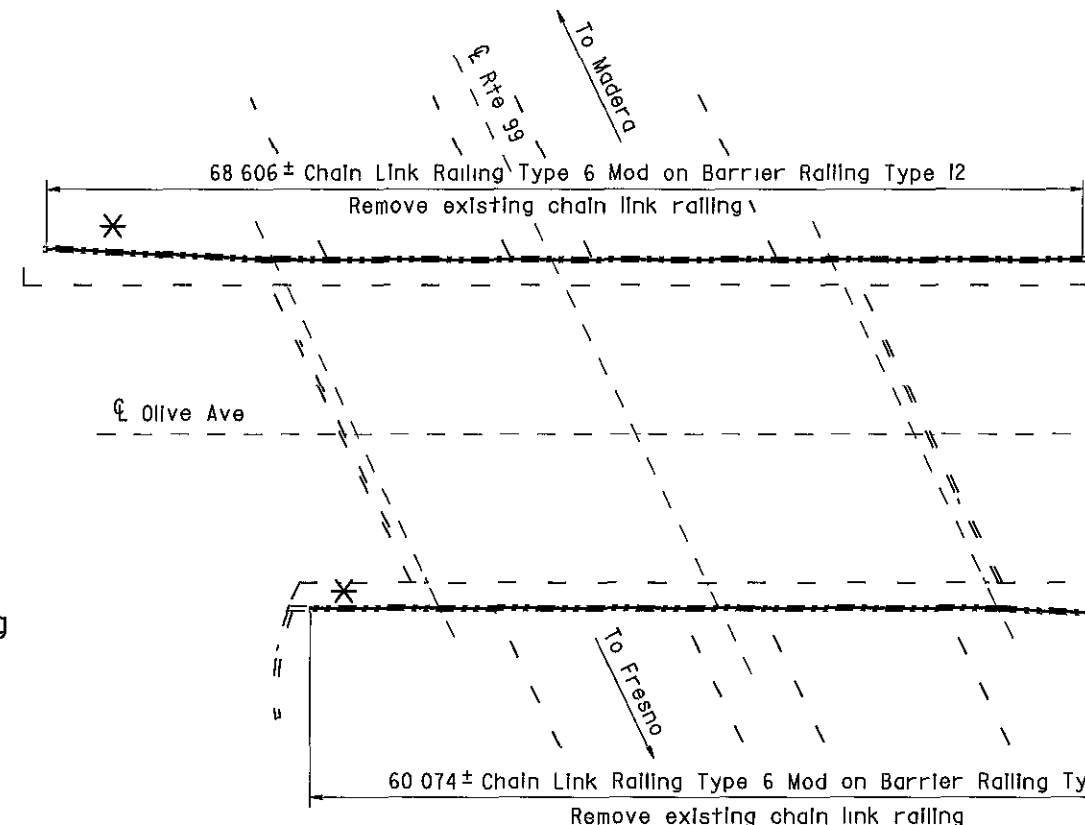
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

NOTES

- — Indicates existing
- () Indicates approximate location of existing electroliter (To remain)

- * Note:
The addition of a 1/4" x 3" x 20' cover plate to all bridge railing except at Cosmos Playground POC.
- * See sheet 130/133 for details.



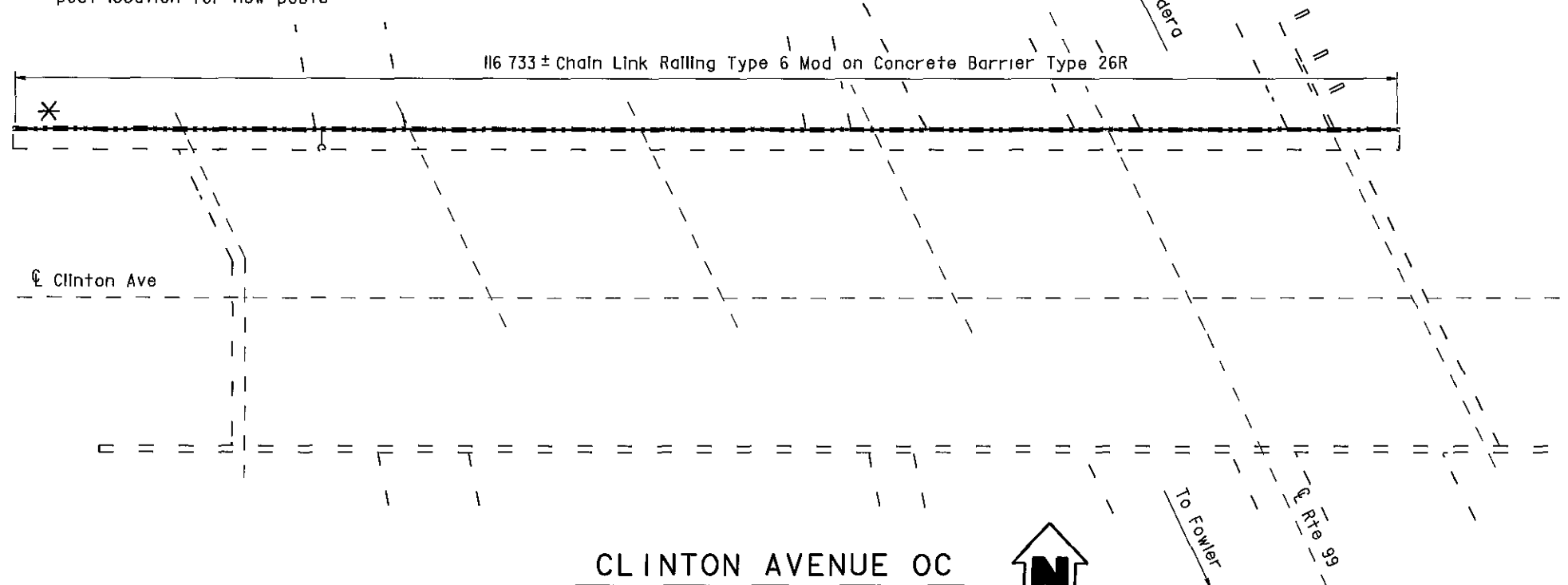
OLIVE AVENUE OC

Br No 42-0187, Fre, KP 37 5
I 250



Note

Remove existing Chain Link Railing Type 7
core 152 mm x 230 mm deep hole at existing
post location for new posts



CLINTON AVENUE OC

Br No 42-0183, Fre, KP 39 3
I 250



OLIVE AVENUE OC 42-0187	
QUANTITIES	
BRIDGE REMOVAL (PORTION), LOCATION M	LUMP SUM
CHAIN LINK RAILING (TYPE 6 MODIFIED)	129 m
CLINTON AVENUE OC 42-0183	
QUANTITIES	
BRIDGE REMOVAL (PORTION), LOCATION N	LUMP SUM
CHAIN LINK RAILING (TYPE 6 MODIFIED)	116 m

AS BUILT

MRC 1-3-03

CORRECTIONS BY John Borquez

CONTRACT NO 06-440104

DATE 11-14-02

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

 DESIGN ENGINEER 10/3/00	DESIGN	BY D Acoba	4/00	CHECKED F Tannous	5/00	LAYOUT	BY K Endow	4/00	CHECKED D Acoba	4/00	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION ENGINEERING SERVICE CENTER STRUCTURE MAINTENANCE	BRIDGE NO	Various	ROUTE 99 BRIDGES GENERAL PLAN NO. 6		
	DETAILS	BY K Endow	4/00	CHECKED F Tannous	5/00	SPECIFICATIONS	BY J Maroney	9/00	PLANS AND SPECS COMPARED J Maroney	9/00		KILOMETER POST	Varies			
	QUANTITIES	BY D Acoba	5/00	CHECKED F Tannous	5/00											
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 11/06/99)												DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET 6 OF 11

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS: 0 10 20 30 40 50 60 70 80 90 100

CU 06015
EA 440101
FILE => napp6.dgn

Note

Remove existing Chain Link Railing Type 7,
core 152 mm x 230 mm deep hole at existing
post location for new posts

132 582 ± Chain Link Railing Type 6 Mod on Concrete Barrier Type 26



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Fre	99	23 3/50 7	129	133

10/3/00
REGISTERED CIVIL ENGINEER
11-13-00
PLANS APPROVAL DATE
No 52003
Exp 12-31-02
CIVIL
DIOSDADO ACOPA
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet

NOTE
THE CONTRACTOR SHALL VERIFY ALL
CONTROLLING FIELD DIMENSIONS
BEFORE ORDERING OR FABRICATING
ANY MATERIAL

NOTES

- — Indicates existing
- (Indicates approximate location of
existing electroliner (To remain)

- * Note:
The addition of a 1/4" x 3" x 20'
cover plate to all bridge railing
except at Cosmos Playground POC.
- * See sheet 130/133 for details.

ASHLAN AVENUE OC

Br No 42-0140, Fre, KP 42 8
I 250



AS BUILT

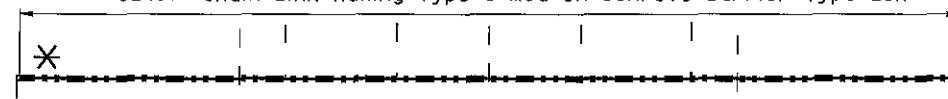
MRC 1-3-03

CORRECTIONS BY John Borquez

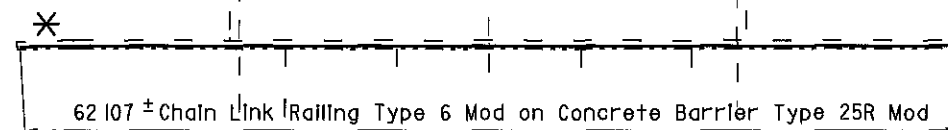
CONTRACT NO 06-440104

DATE 11-14-02

62 107 ± Chain Link Railing Type 6 Mod on Concrete Barrier Type 26R



℄ Pacific Ave



62 107 ± Chain Link Railing Type 6 Mod on Concrete Barrier Type 25R Mod

To Fresno

Note

Remove existing Chain Link Railing Type 7
core 152 mm x 230 mm deep hole at existing
post location for new posts

PACIFIC AVENUE OC

Br No 42-0189, Fre, KP 36 0
I 250



ASHLAN AVENUE OC 42-0140
QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION O
CHAIN LINK RAILING (TYPE 6 MODIFIED)

LUMP SUM
133 m

PACIFIC AVENUE OC 42-0189
QUANTITIES

BRIDGE REMOVAL (PORTION), LOCATION P
CHAIN LINK RAILING (TYPE 6 MODIFIED)

LUMP SUM
124 m

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

 DESIGN ENGINEER 10/3/00	DESIGN	BY D Acoba	4/00	CHECKED F Tannous	5/00	LAYOUT	BY K Endow	4/00	CHECKED D Acoba	4/00	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	ENGINEERING SERVICE CENTER STRUCTURE MAINTENANCE	BRIDGE NO	Various		ROUTE 99 BRIDGES GENERAL PLAN NO. 7
	DETAILS	BY K Endow	4/00	CHECKED F Tannous	5/00	SPECIFICATIONS	BY J Maroney	9/00	CHECKED J Maroney	9/00			KILOMETER POST	Varies		
	QUANTITIES	BY D Acoba	5/00	CHECKED F Tannous	5/00											

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (METRIC) (REV 11/06/99)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

CU 06015
EA 440101

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

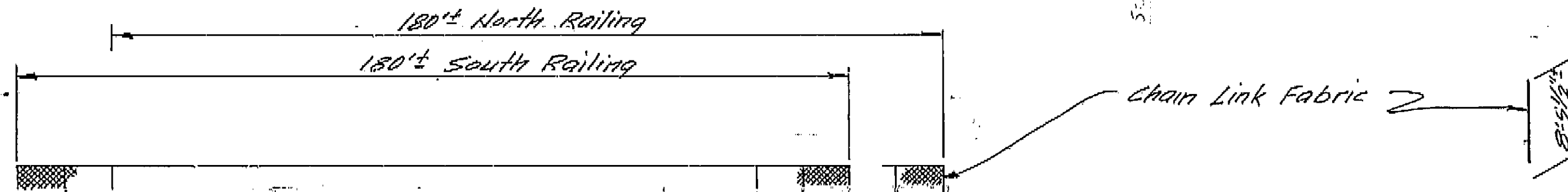
5/15/00	7/17/00	9/28/00	10/3/00						
---------	---------	---------	---------	--	--	--	--	--	--

SHEET 7 OF 11

APPROXIMATE QUANTITIES
 REMOVE LIGHTWEIGHT SIGN STRUCTURE 2 EA
 MODIFY BRIDGE RAILING (LOCATION B) 360 LF
 FINAL PAY QUANTITIES
 SIGN STRUCTURE (LIGHTWEIGHT) 1,340 LB

DIST.	COUNTY	ROUTE	POST MILES-TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Fres.	99	17.3 / 11.1	5	24

BRIDGE ENGINEER: *[Signature]*
 REGISTERED CIVIL ENGINEER NUMBER 8888
 ASSISTANT STATE HIGHWAY ENGINEER: *[Signature]*
 REGISTERED CIVIL ENGINEER NUMBER 8888
 DATE APPROVED: December 31, 1973

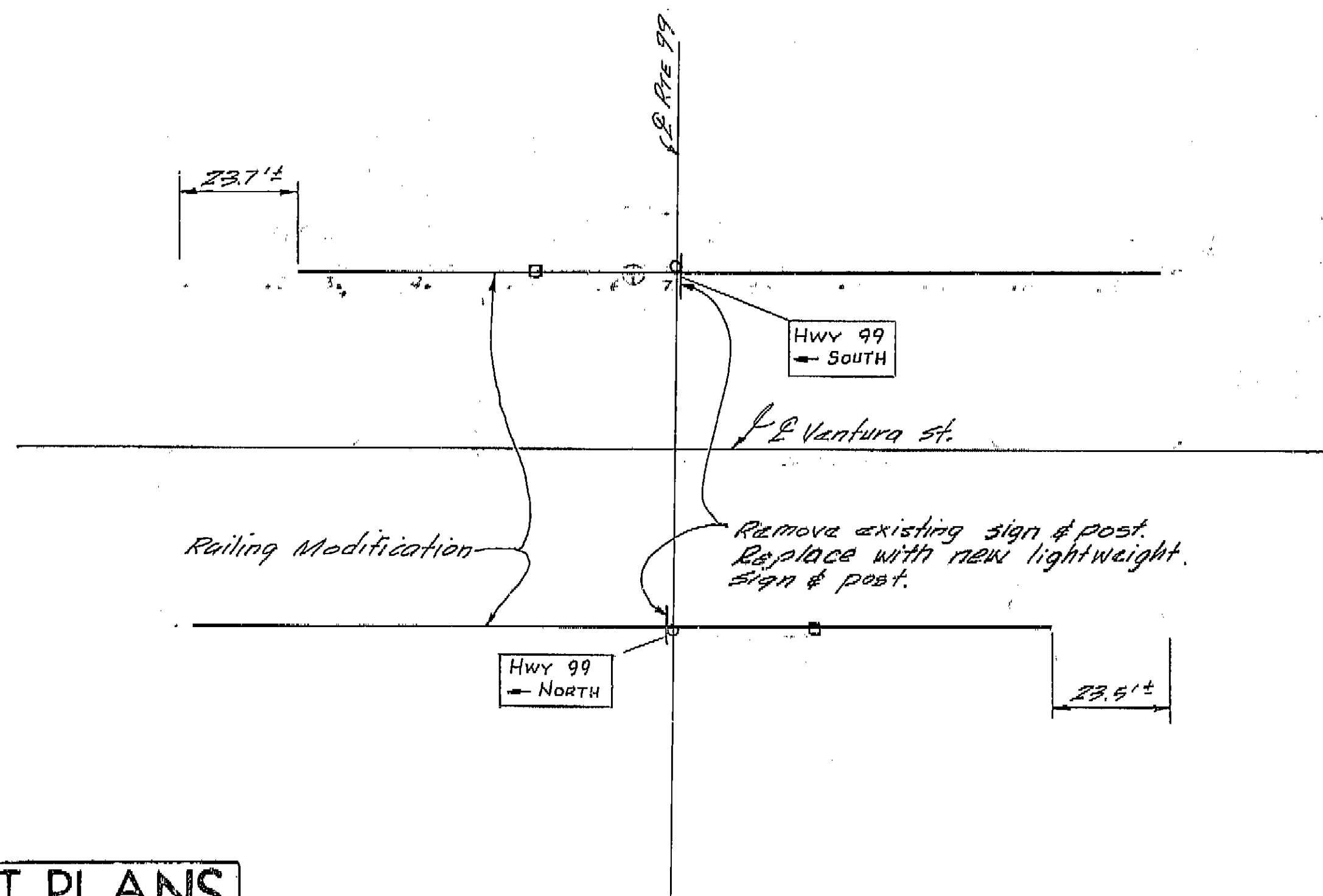


Existing Type 5
Barrier Railing

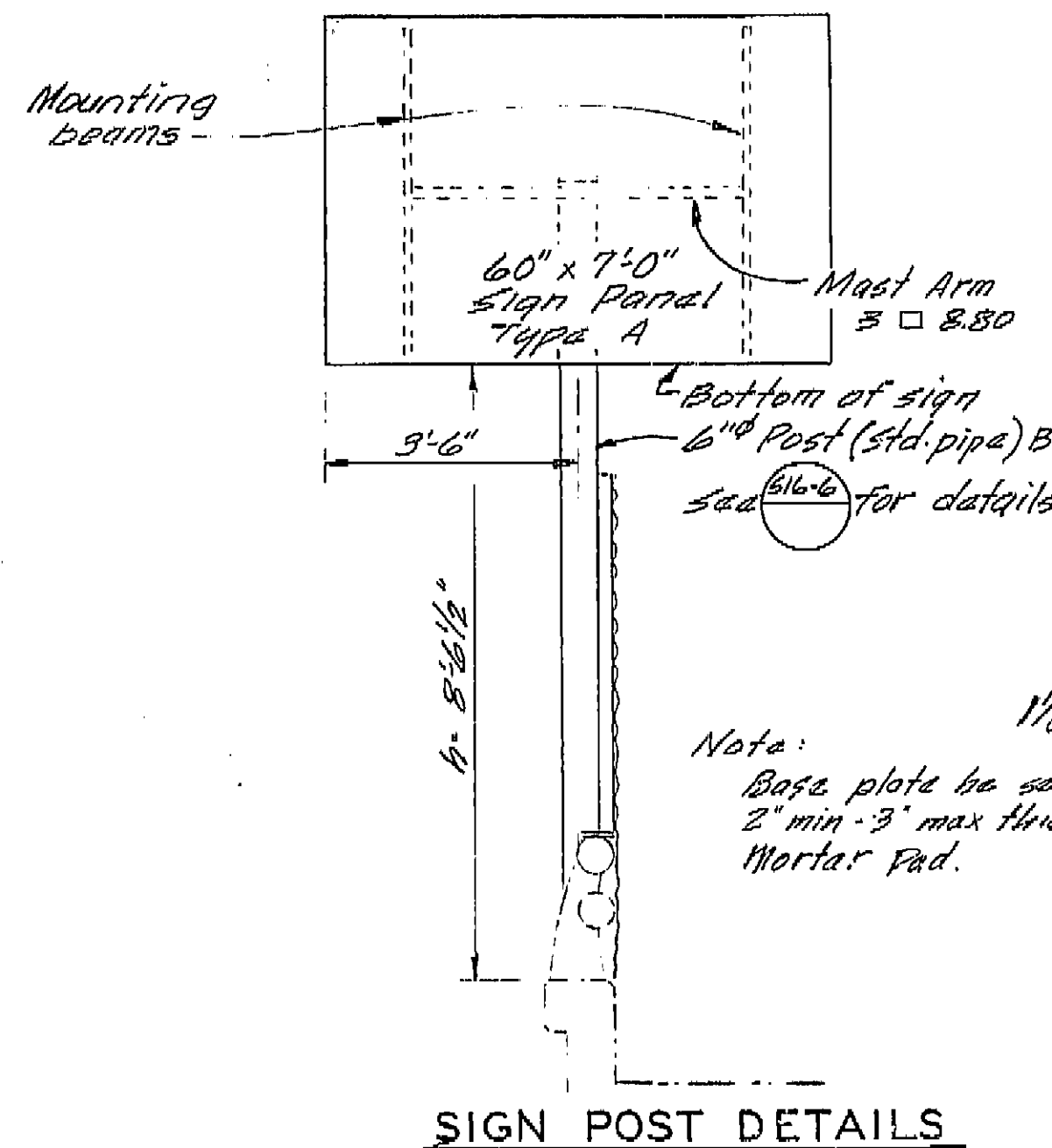
ELEVATION

NOTE:
 THE CONTRACTOR SHALL VERIFY
 ALL DEPENDENT DIMENSIONS IN
 THE FIELD BEFORE ORDERING
 OR FABRICATING ANY MATERIAL.

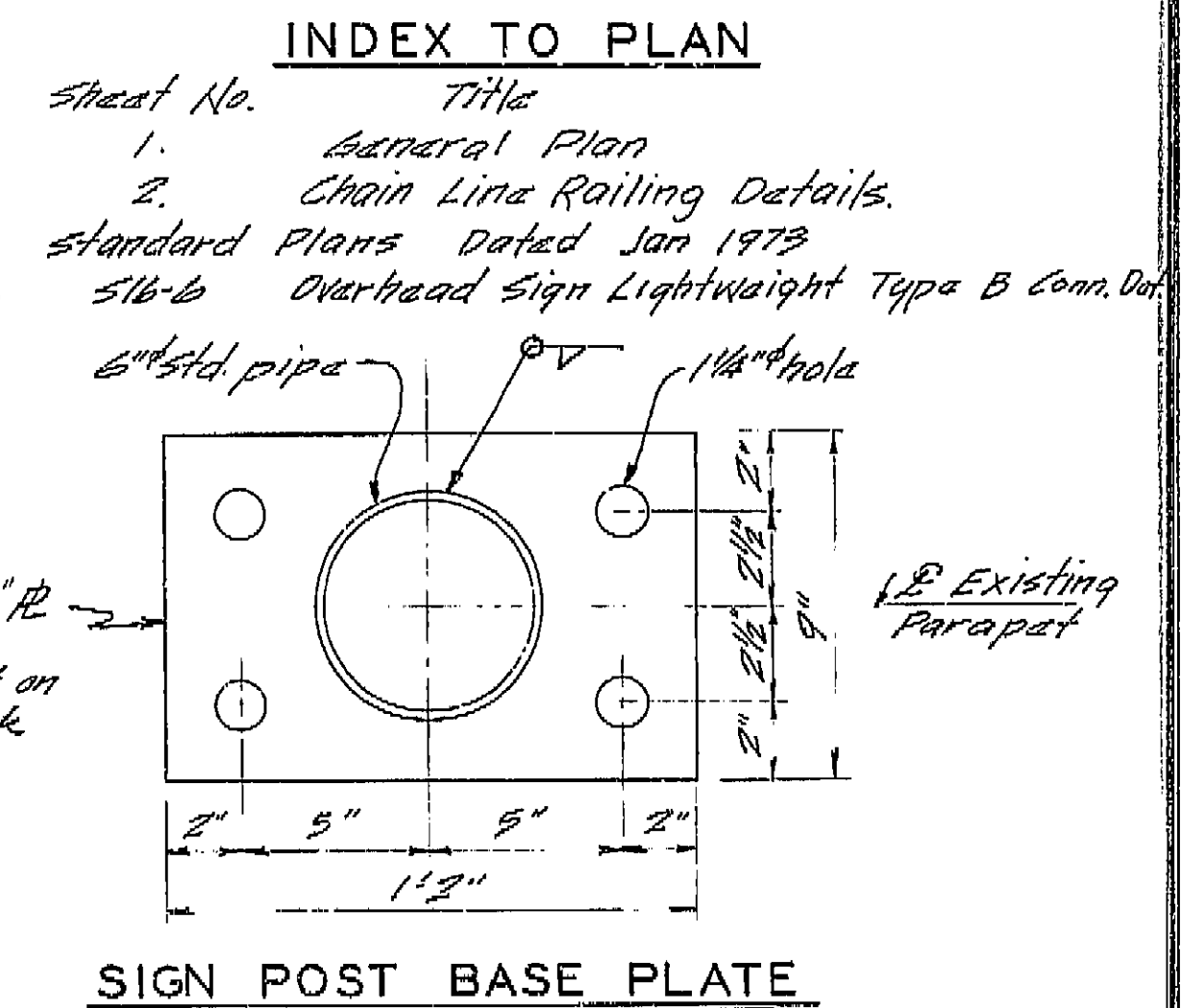
TYPICAL SECTION



PLAN



SIGN POST DETAILS



SIGN POST BASE PLATE

AS BUILT PLANS
 Contract No. 06-127904
 Date Completed 7-18-74
 Document No.

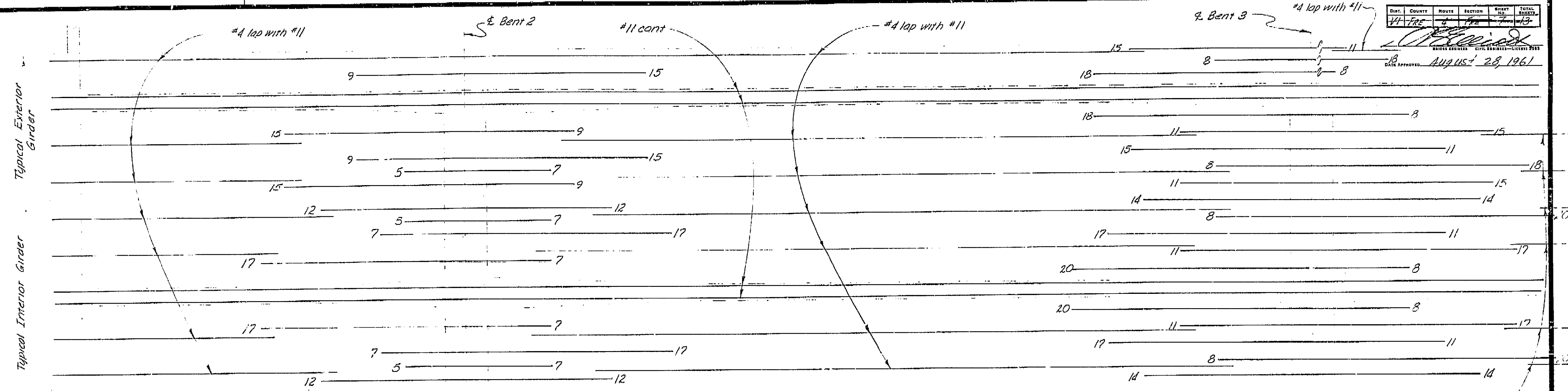
Existing Electrolux

BRIDGE DEPARTMENT			
DESIGN SECTION 13			
Section Supervisor: <i>[Signature]</i>			
Project Engineer: <i>[Signature]</i>			
DESIGN	By M. L. Loebe 3/73	Check J. J. Smith 9/73	
DETAILS	By M. L. Loebe 3/73	Check J. J. Smith 9/73	
LAYOUT	By M. L. Loebe 3/73	Check J. J. Smith 9/73	
QUANTITIES	By M. L. Loebe 7/73	Check J. J. Smith 9/73	
SPECIFICATIONS	By J. J. Smith 1/74	Check J. J. Smith 9/73	
Approval Recommended by: <i>[Signature]</i>			

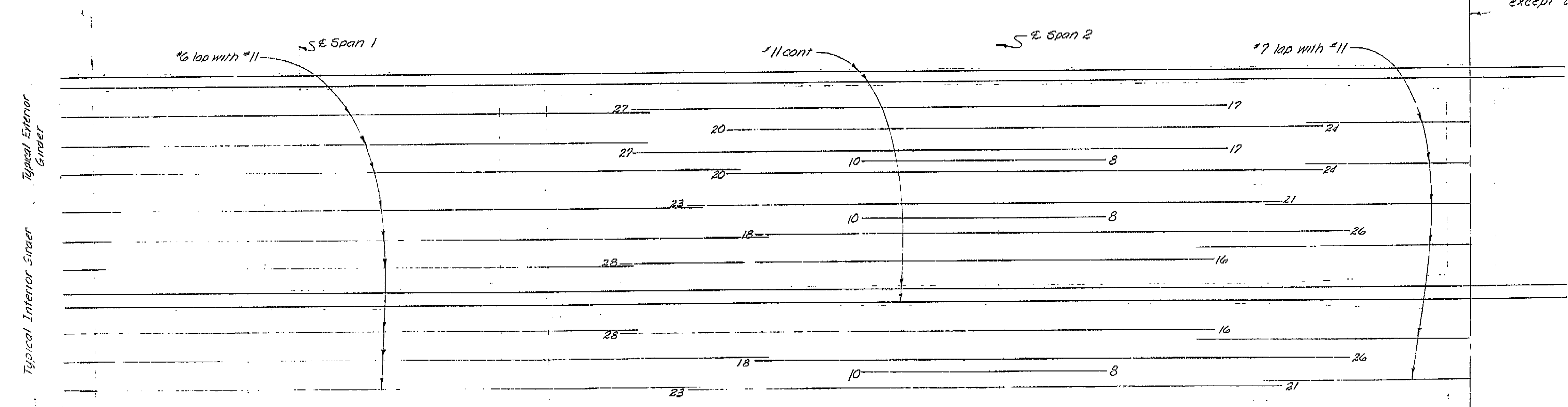
STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION			
VENTURA STREET OVERCROSSING RAILING MODIFICATION			
GENERAL PLAN			
BRIDGE NO. 42-158	POST MILE 20.19	DRAWING NO.	SHEET 1 OF 2

AS BUILT PLANS
 Contract No. 06-127904
 Date Completed 12-73
 Document No. 6002092

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN
 UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO
 AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.
 DATE 9-25-74 SIGNATURE: *[Signature]* TITLE: *[Signature]*



TOP REINFORCEMENT



BOTTOM REINFORCEMENT

Top and Bottom Reinforcement symmetrical about # Bent 3 except as shown.

392

AS BUILT PLANS
Contract No. 62-6T13C3
Date Completed
Document No. 60001062

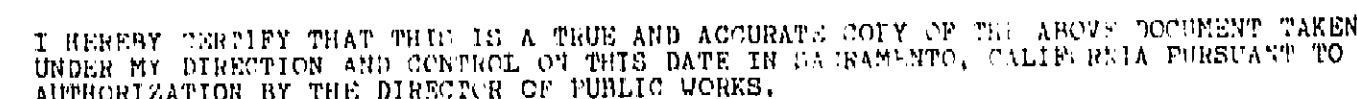
Note: All bars are #11 except as noted. Numbers at ends of bars indicate distance in feet from # Bent for Top Reinforcement or from # Span for Bottom Reinforcement.
No splicing of #11 bars permitted near # Bent in Top Reinforcement or near # Span in Bottom Reinforcement.

BRIDGE DEPARTMENT
DESIGN SECTION
Project Designer: *Ed Berry*
Chief Designer: *Ed Berry*
DESIGN: *Ed Berry*
DETAILS: *Ed Berry*
QUANTITIES: *Ed Berry*
SPECIFICATIONS: *Ed Berry*

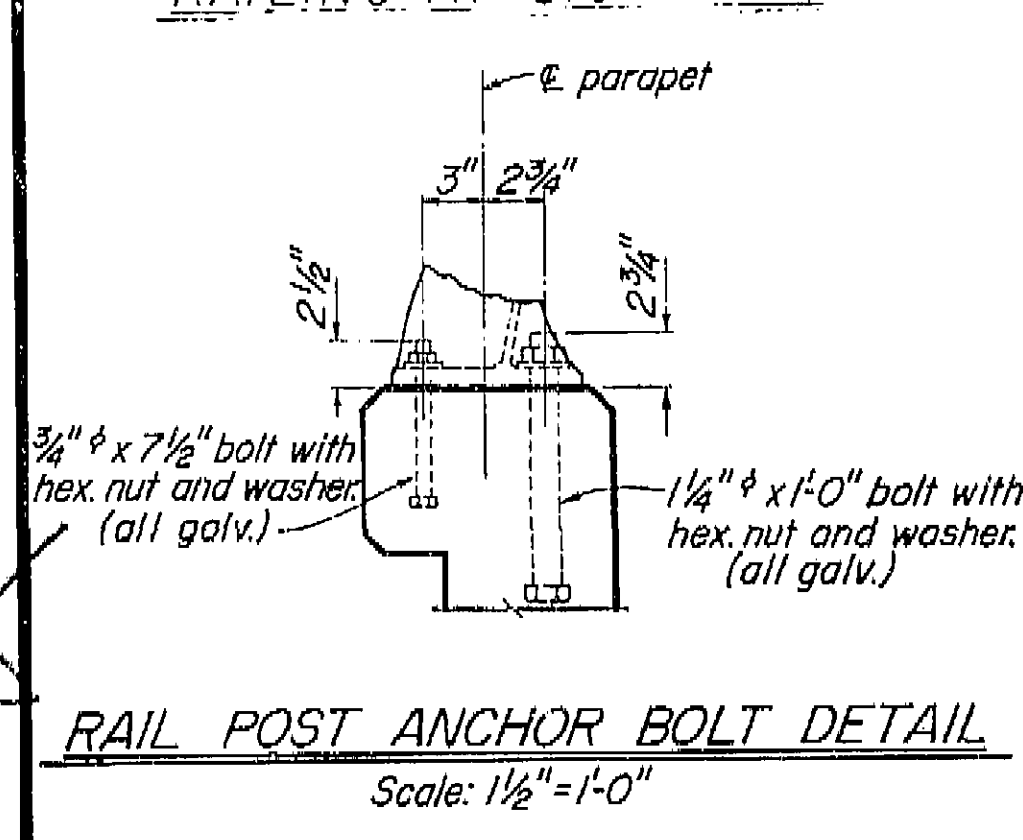
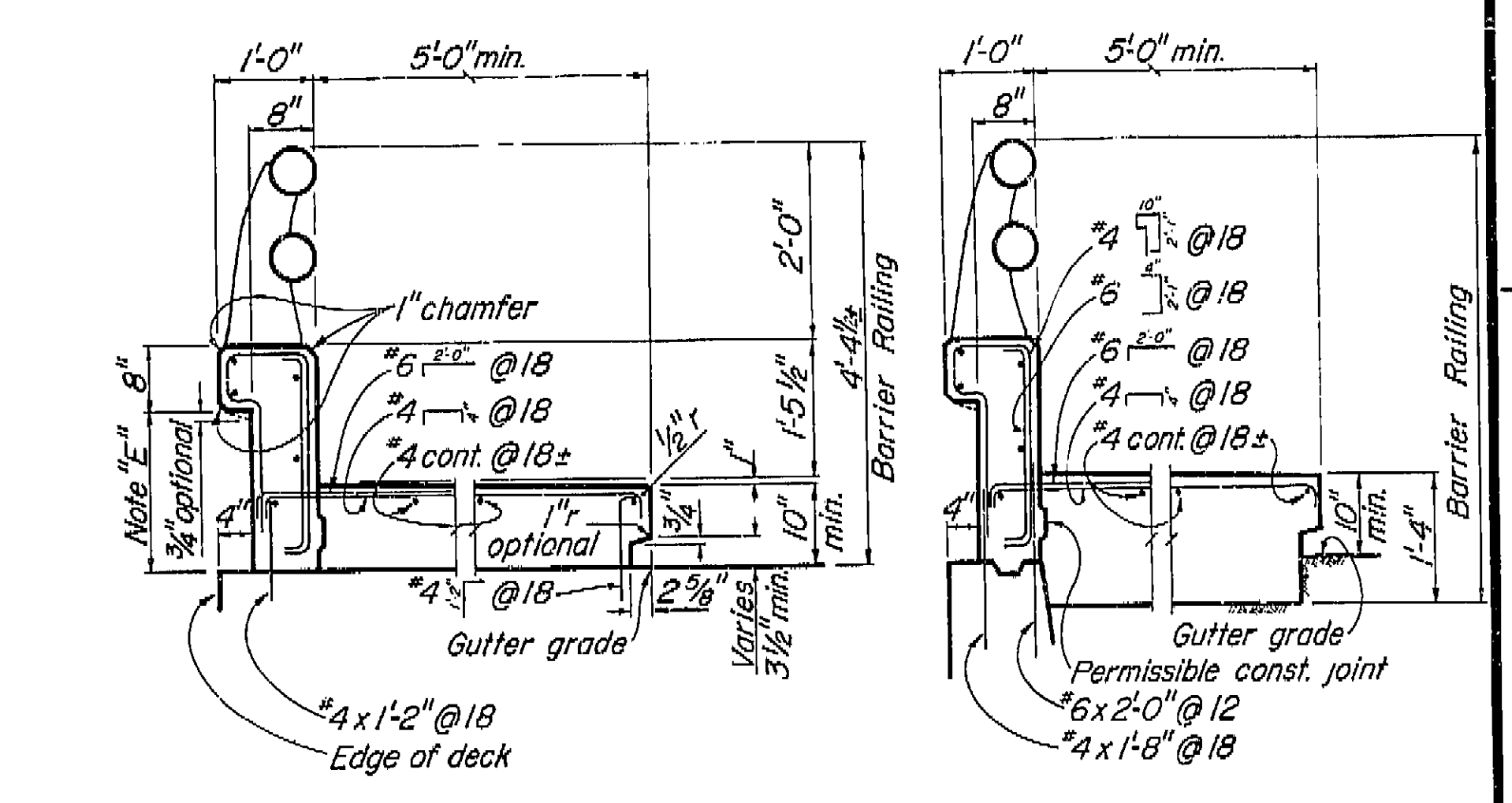
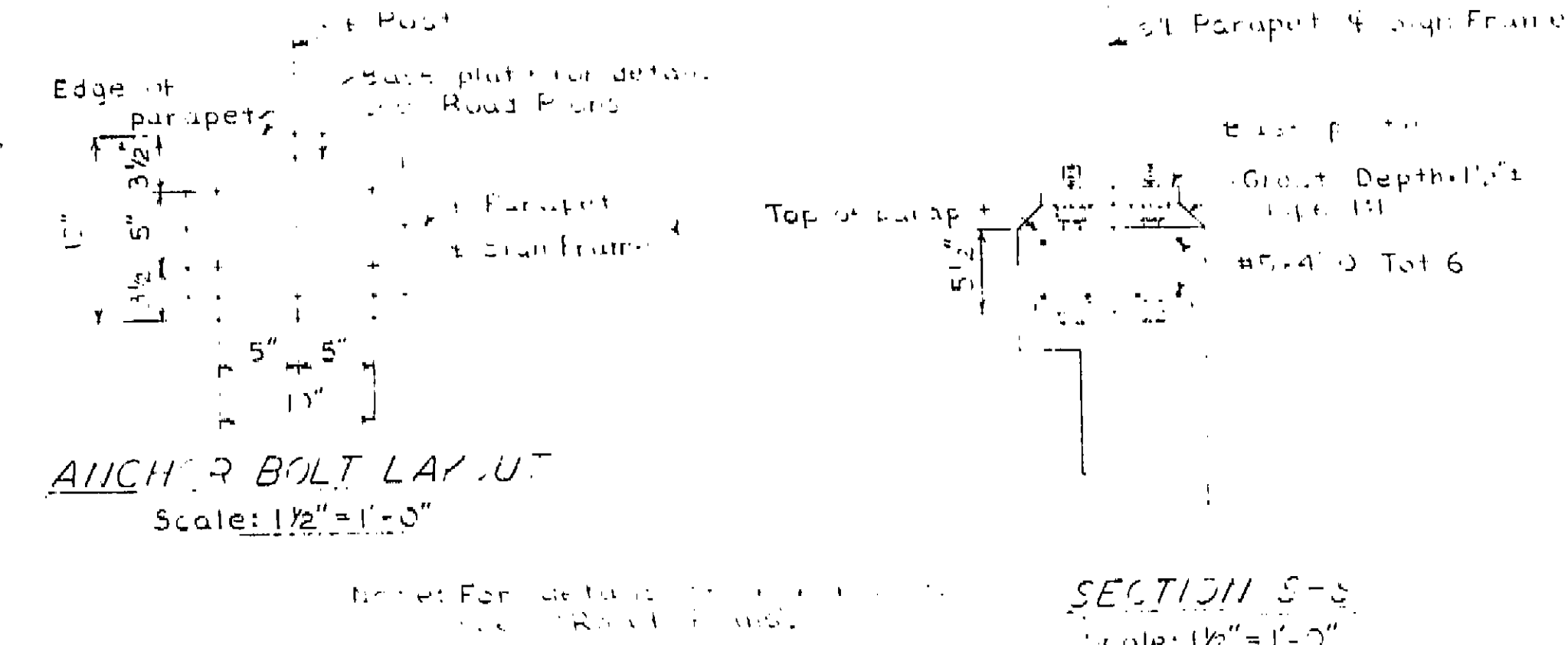
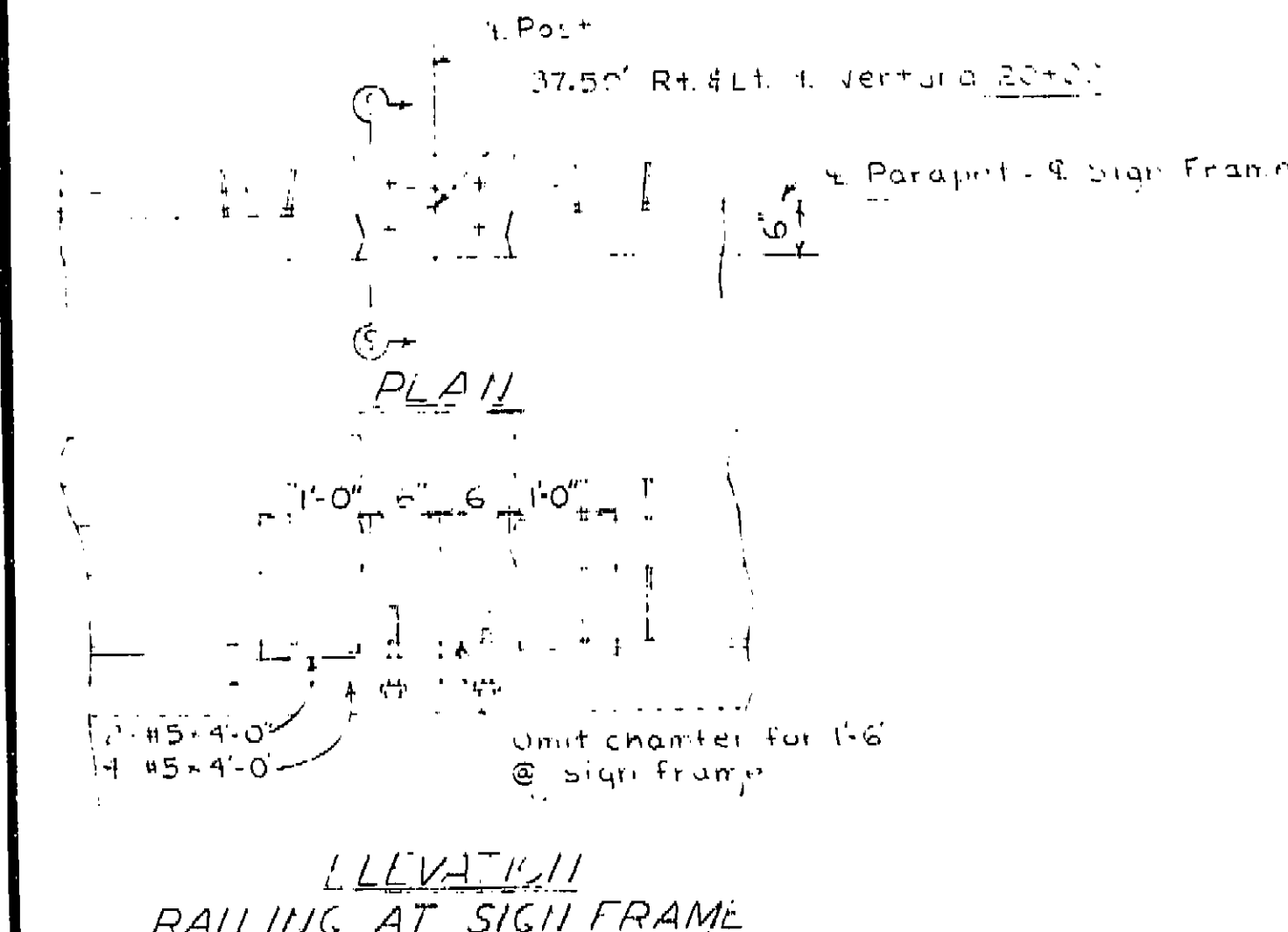
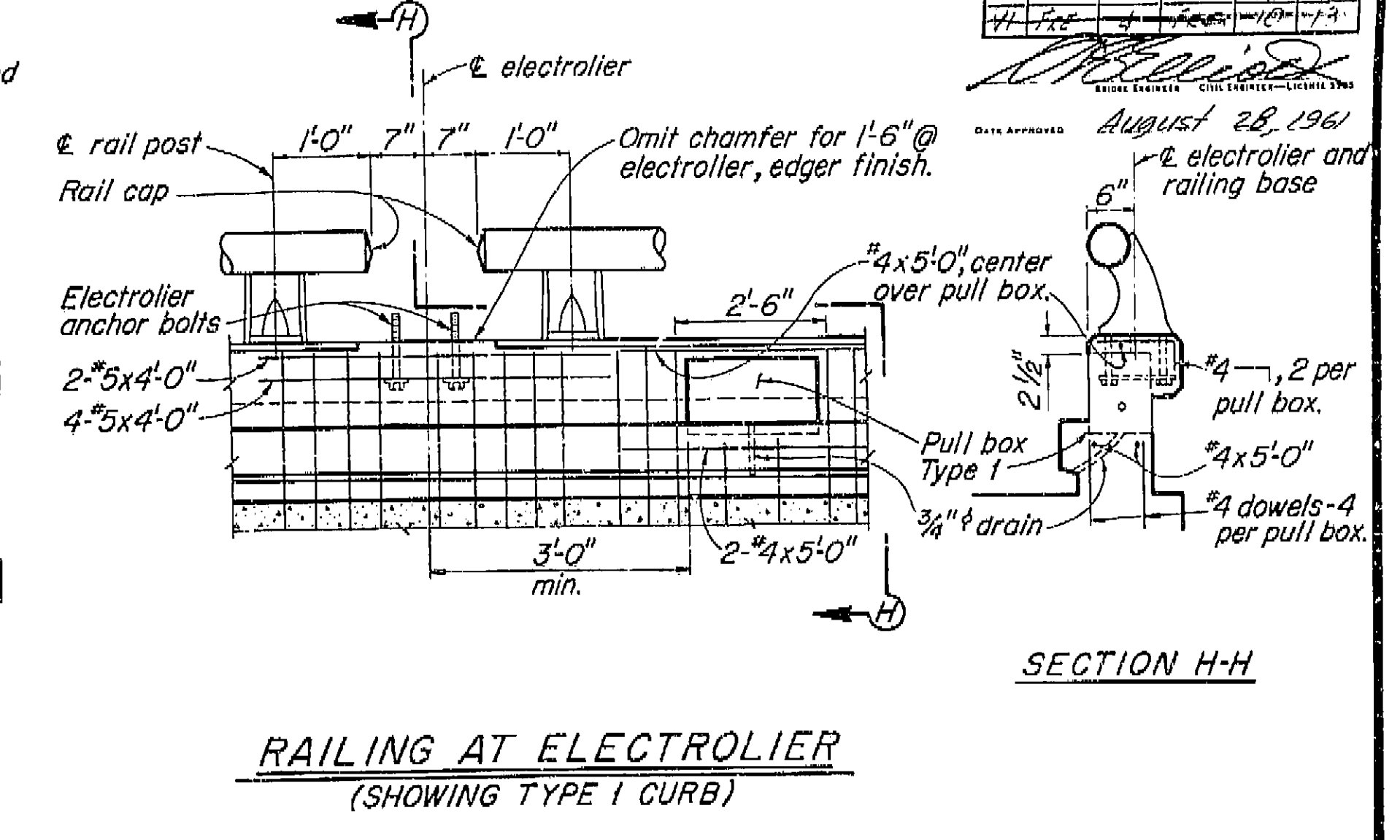
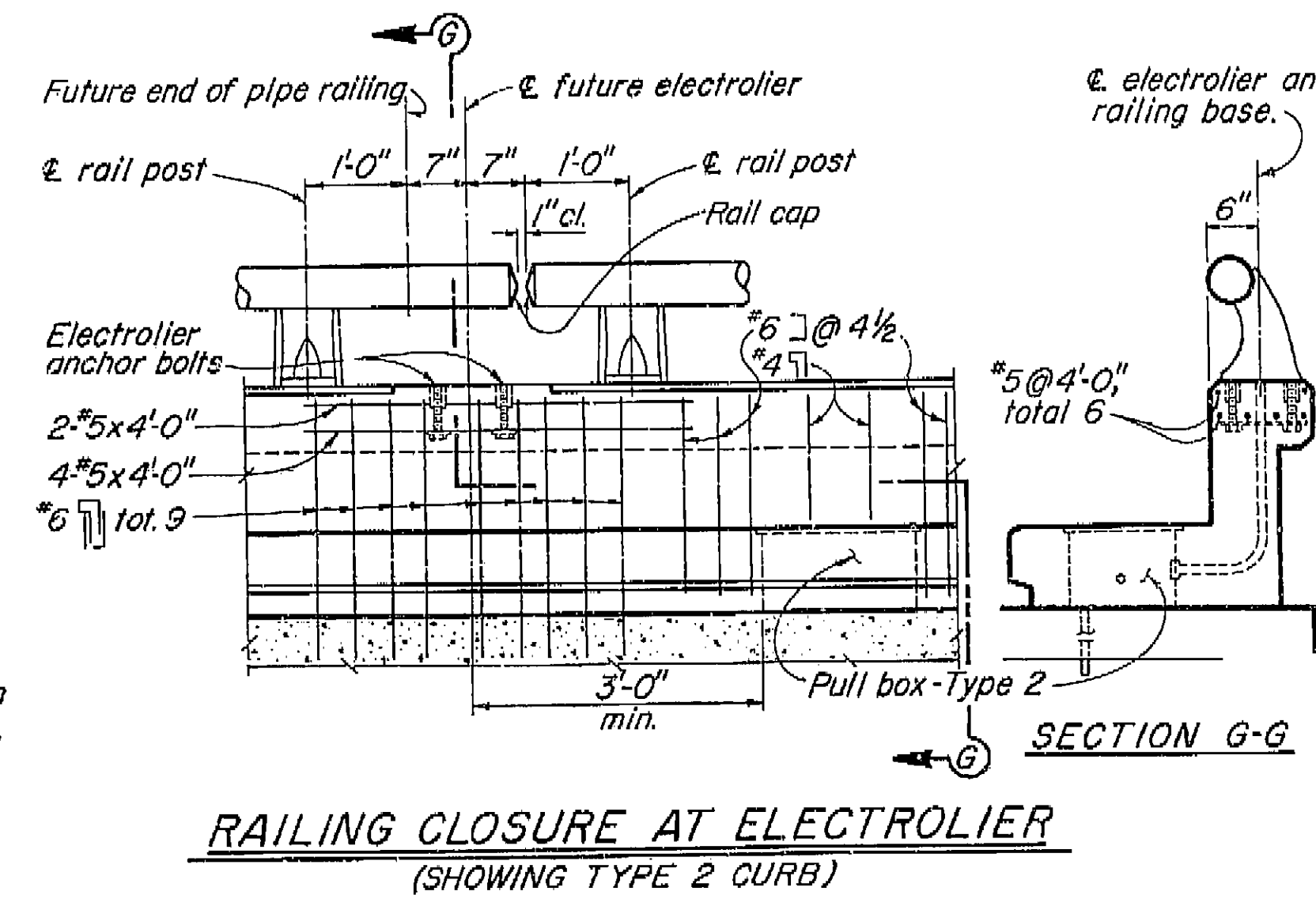
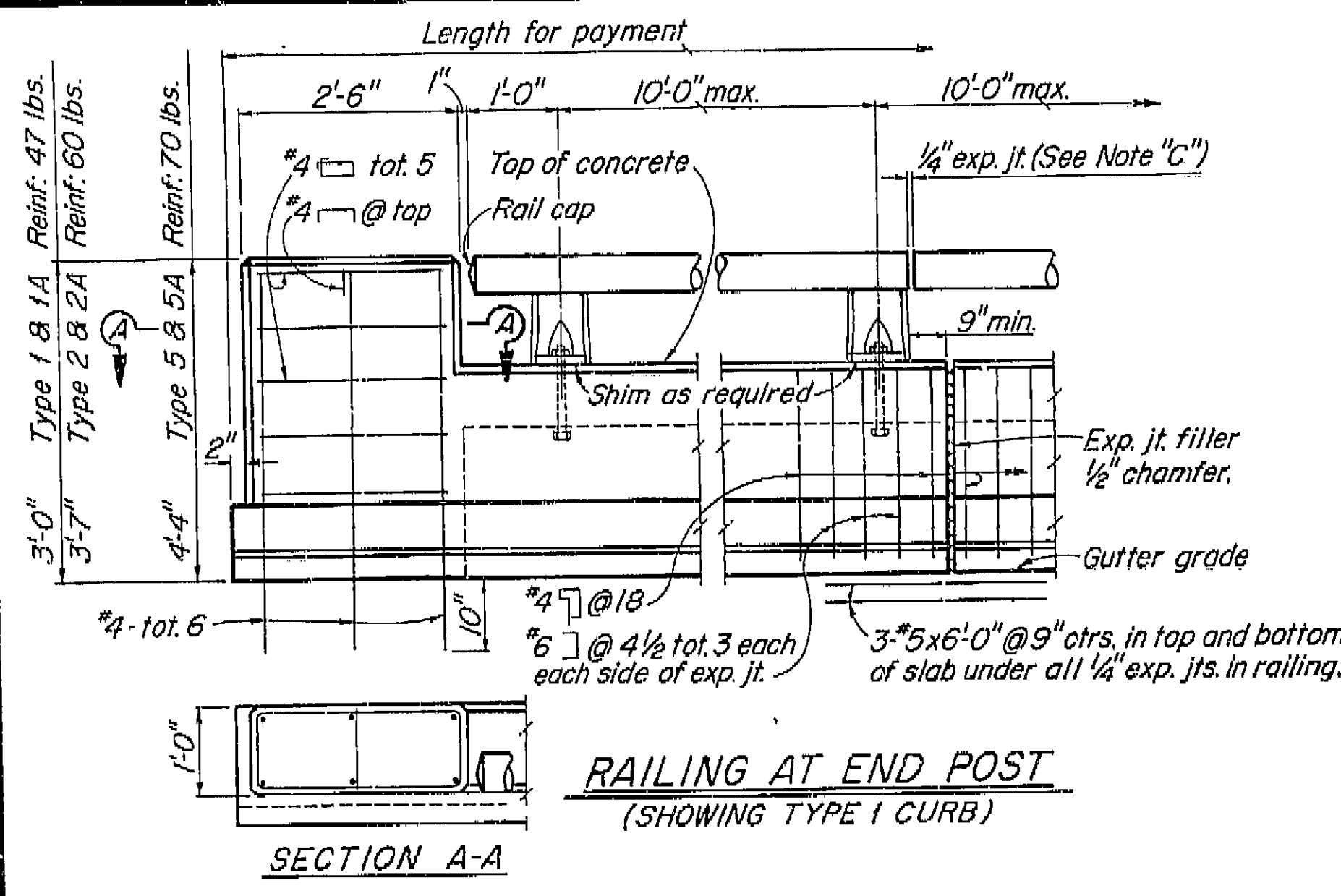
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
VENTURA STREET OVERCROSSING
GIRDER REINFORCEMENT
SCALE: None
BRIDGE: 42-158
FILE:
DRAWING: C-42158-7

AS BUILT PLANS
Contract No. 62-6713C3
Date Completed
Document No. 60001062

2000-0000 1940
6729



DATE _____ SIGNATURE _____ TITLE _____



AS BUILT PLANS
Contract No. 62-6T13C3
Date Completed
Document No. 60001062

- Note: A. Railing shall conform to horizontal and vertical alignment.
B. Posts shall be normal to railing.
C. Curb and wall exp. jts. to be located at all deck joints, at E piers or bents and at uniform spacing (40' max.) between those specified. Joint size to be 1/4" min. and increased to match deck joints.
D. Construct 3" deep x 12" wide overflow scupper 2" above deck at low points in grade.
E. Dimension will vary with cross-slope of deck.
F. Walls are to be backfilled before railing is placed.

G. Clearance to reinforcing steel in curb and railing to be 1".

BRIDGE DEPARTMENT DESIGN SECTION Supervisor: W.D. Vanlandingham	10/60	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS
DESIGN: E.C. Berry 11-60 Checked: Ray M. Mc 11-60 DETAILS: E.C. Berry 11-60 Checked: Ray M. Mc 11-60 QUANTITIES: E.C. Berry 11-60 Checked: E.D. Berry 11-60	VENTURA STREET OVERCROSSING BARRIER RAILING SHEET 1	
Except as noted SCALE 3/4" = 1'-0"	BRIDGE 42-153	XS-9-63 FILE DRAWING
PREL. DRAWING NO. P-42153-71 1/2 1/2		

Revision: 9-22-60
Made #8 bar cont.
in Detail J-1.
ETK.

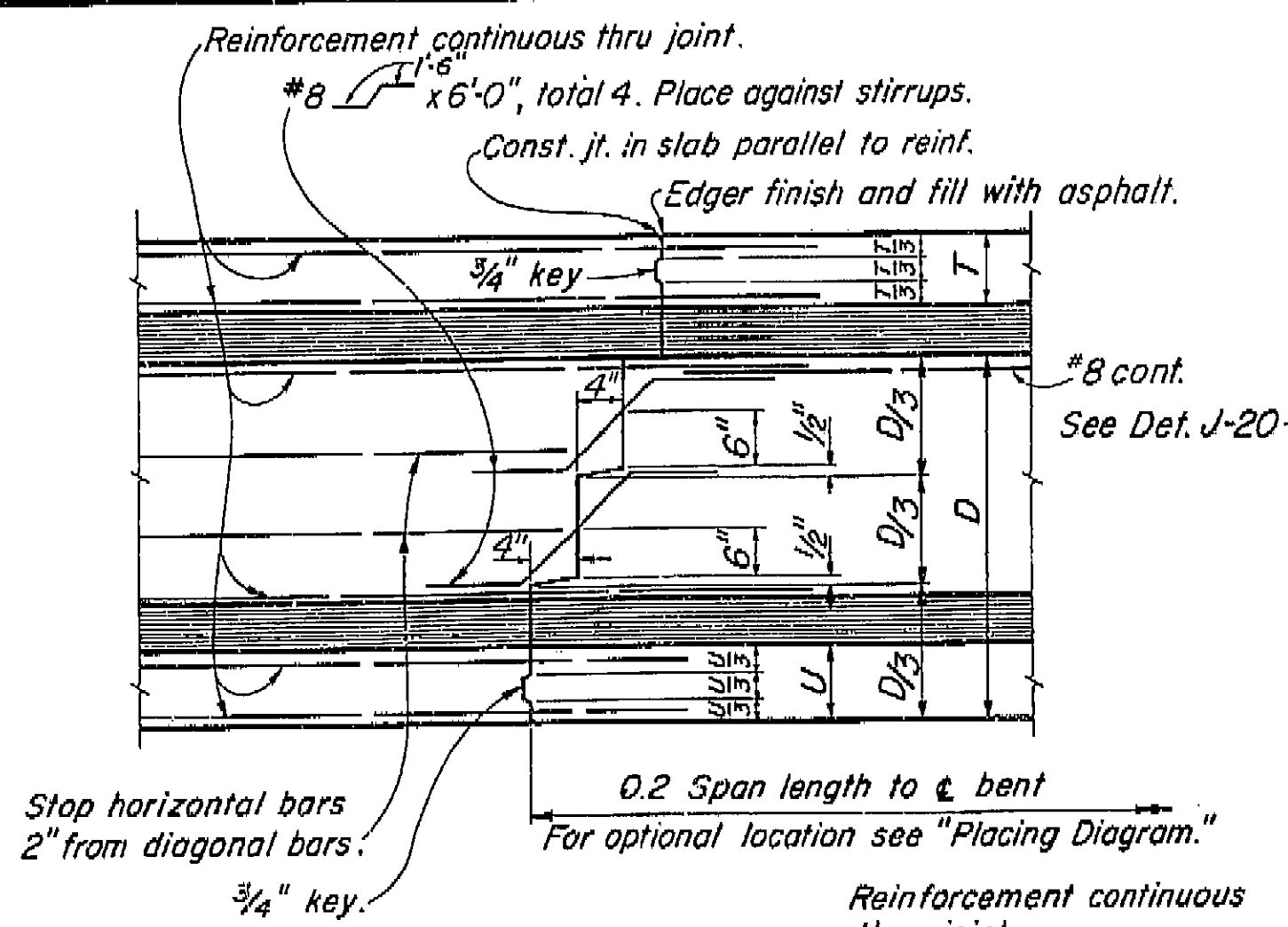
VI Fre 99

U-006-2 (6)
F-006-2 (5)

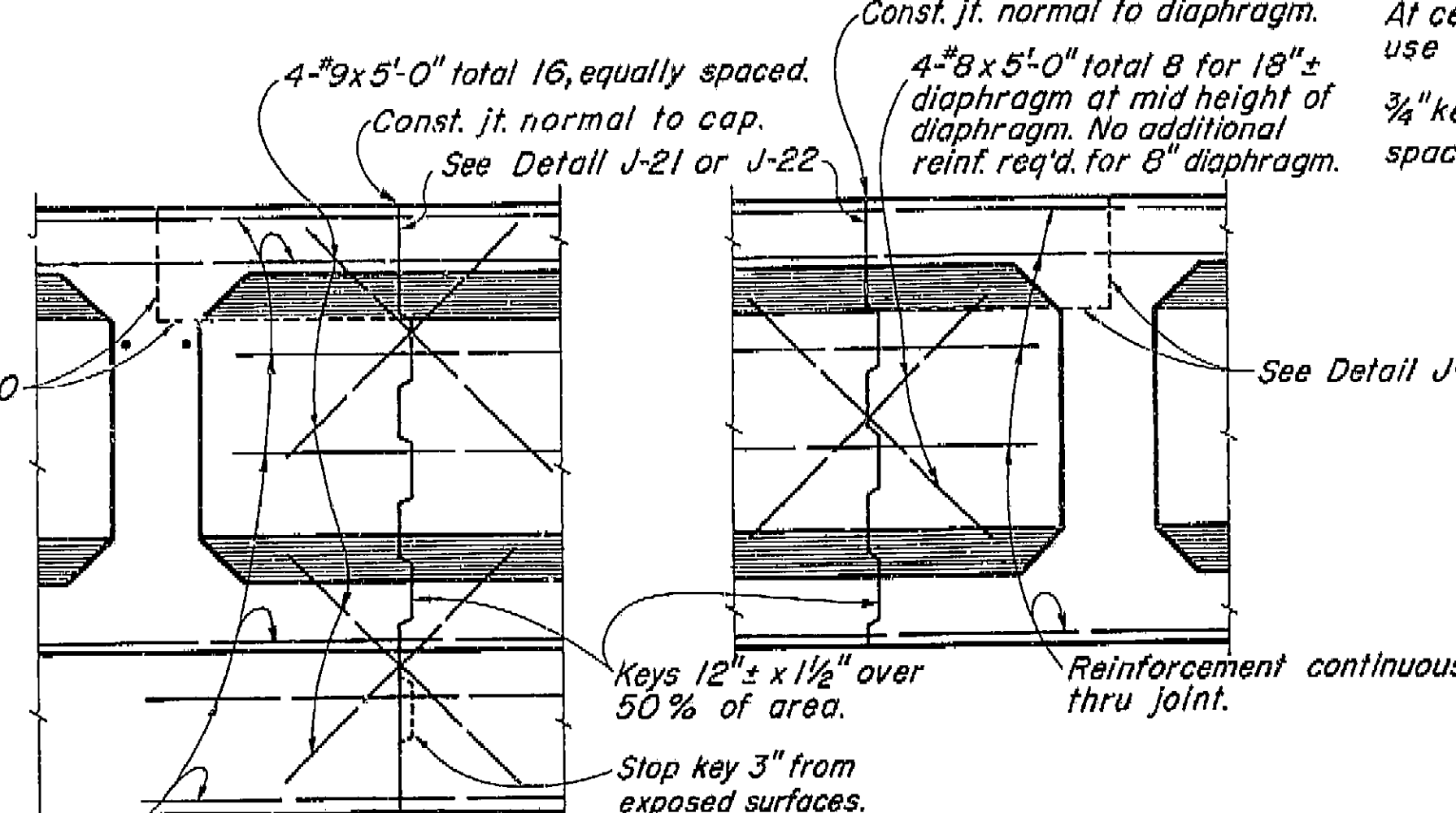
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CALIF.			333	424

DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	Fre	99		333	424

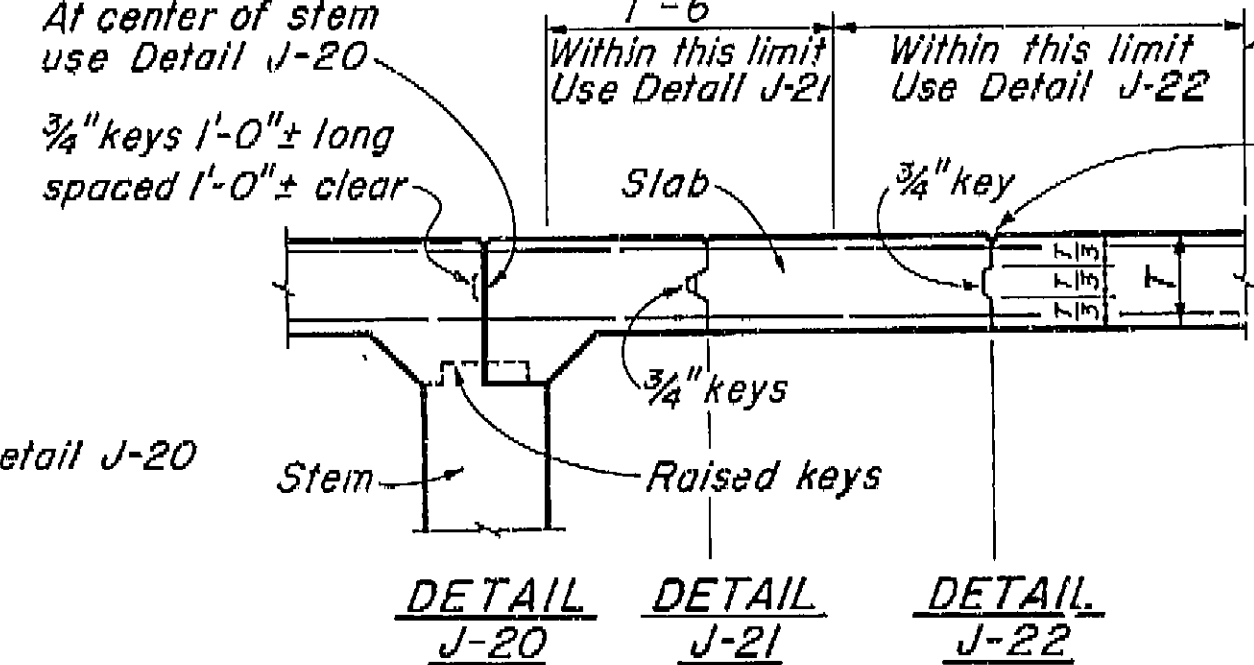
DATE APPROVED: August 28, 1961



TRANSVERSE GIRDER CONSTRUCTION JOINTS
DETAIL J-3



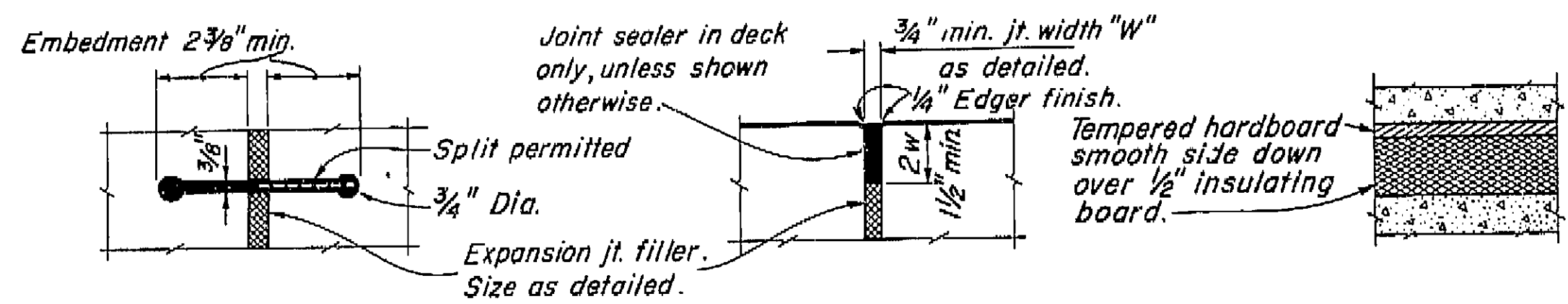
BENT CAP LONGITUDINAL CONSTRUCTION JOINTS
DETAIL J-4



DECK SLAB LONGITUDINAL CONSTRUCTION JOINTS
DETAIL J-20 DETAIL J-21 DETAIL J-22
Note: Longitudinal construction joints in slab, if required, are to be located at edge of traffic lanes except as approved by the Engineer.

CURB AND SIDEWALK EXPANSION JOINT DETAIL C-1

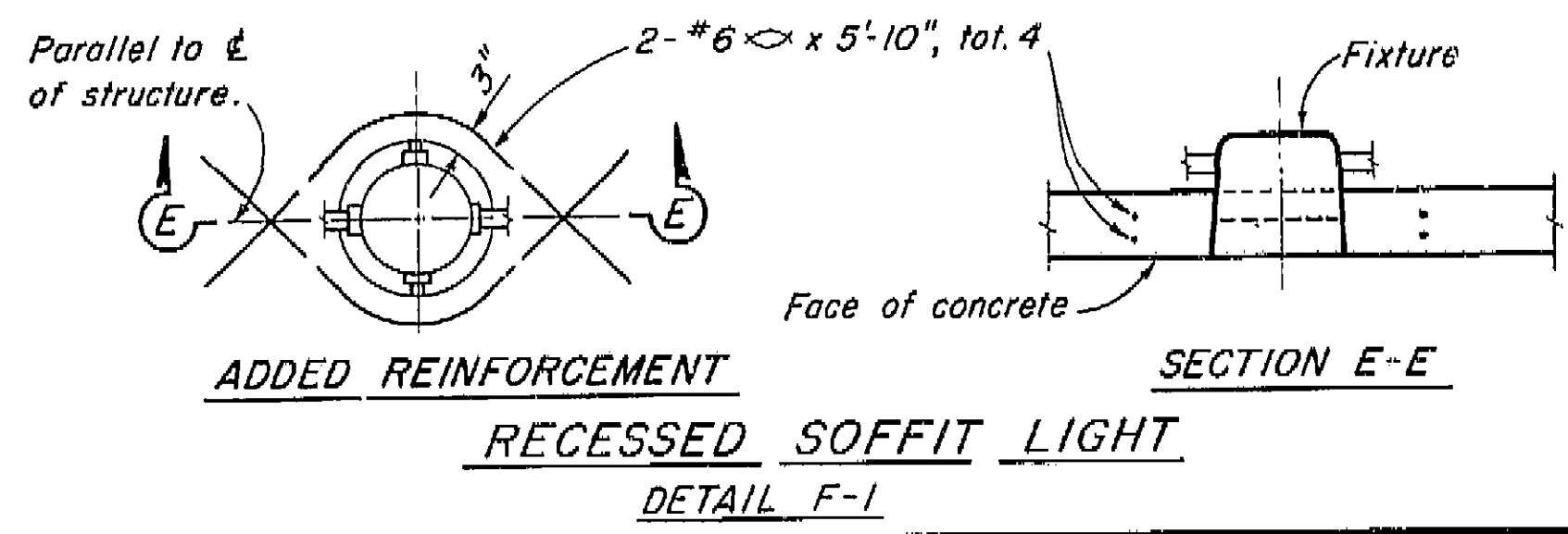
AS BUILT PLANS
Contract No. 62-6T13C3
Date Completed
Document No. 60001062



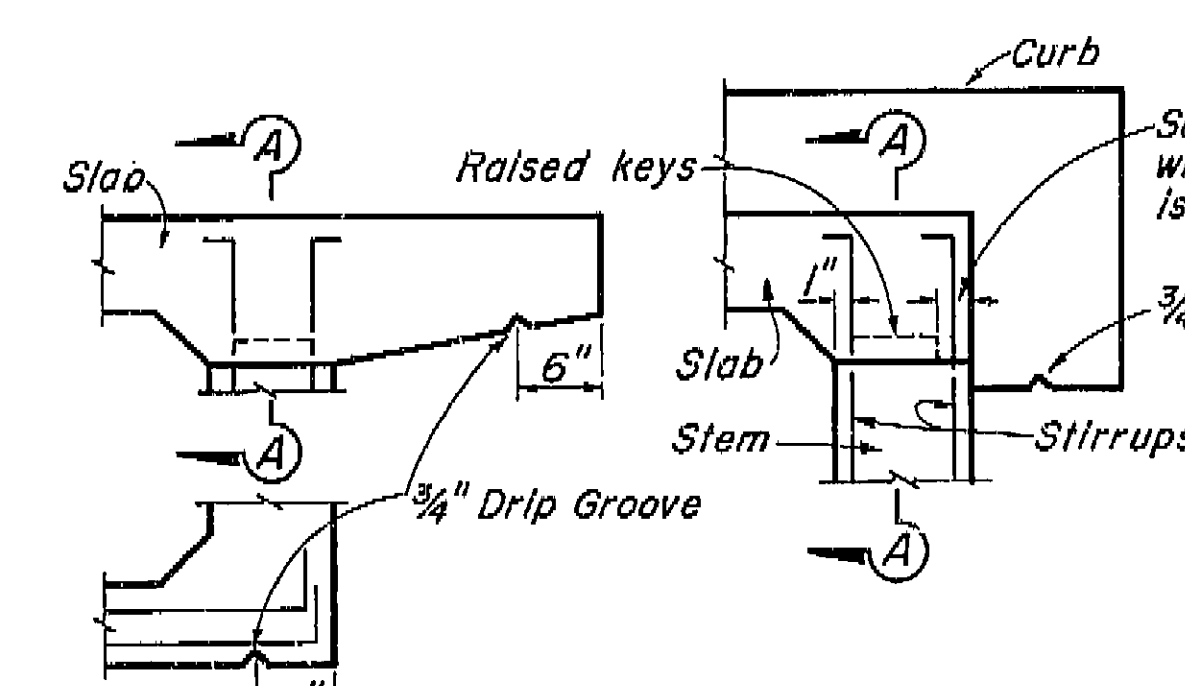
RUBBER WATERSTOP
DETAIL W-1

SEALED EXPANSION JOINT
DETAIL L-1

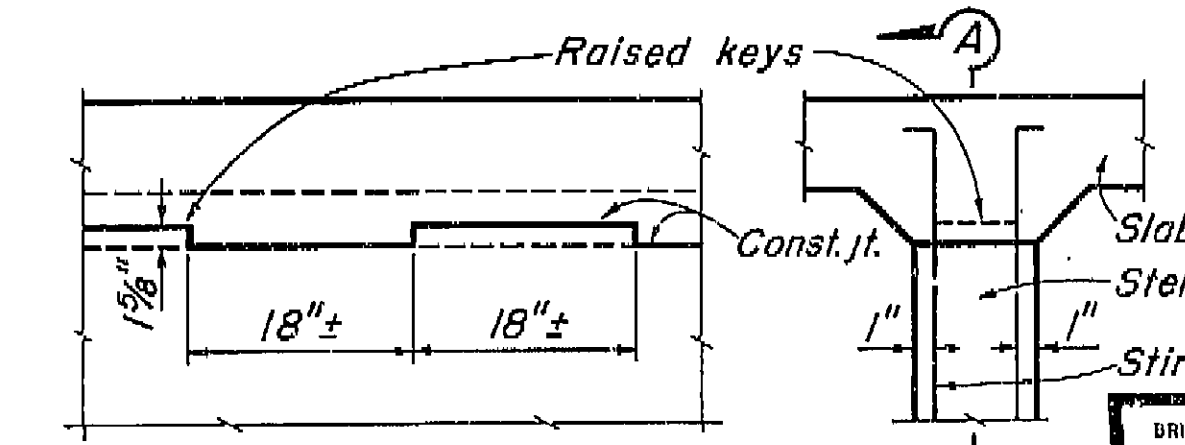
DETAIL M-1



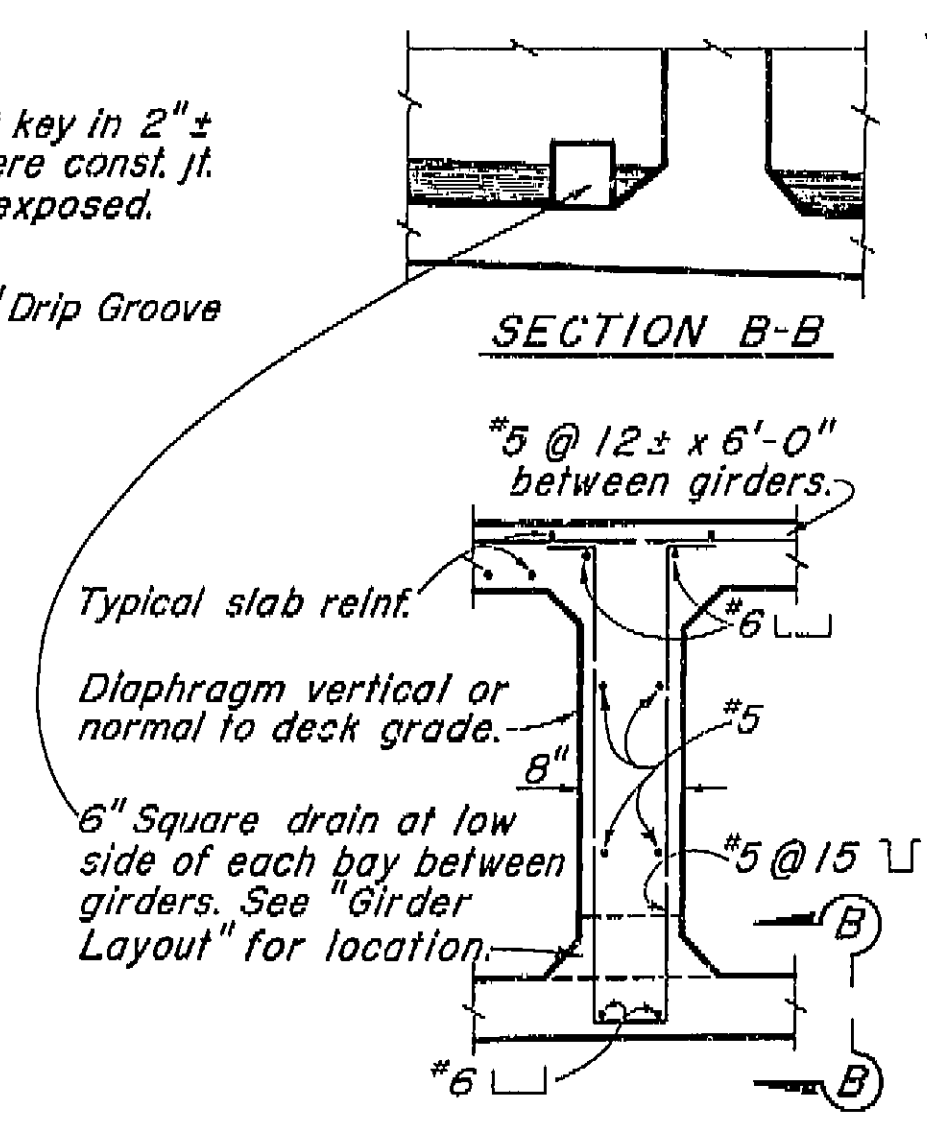
RECESSED SOFFIT LIGHT
DETAIL F-1



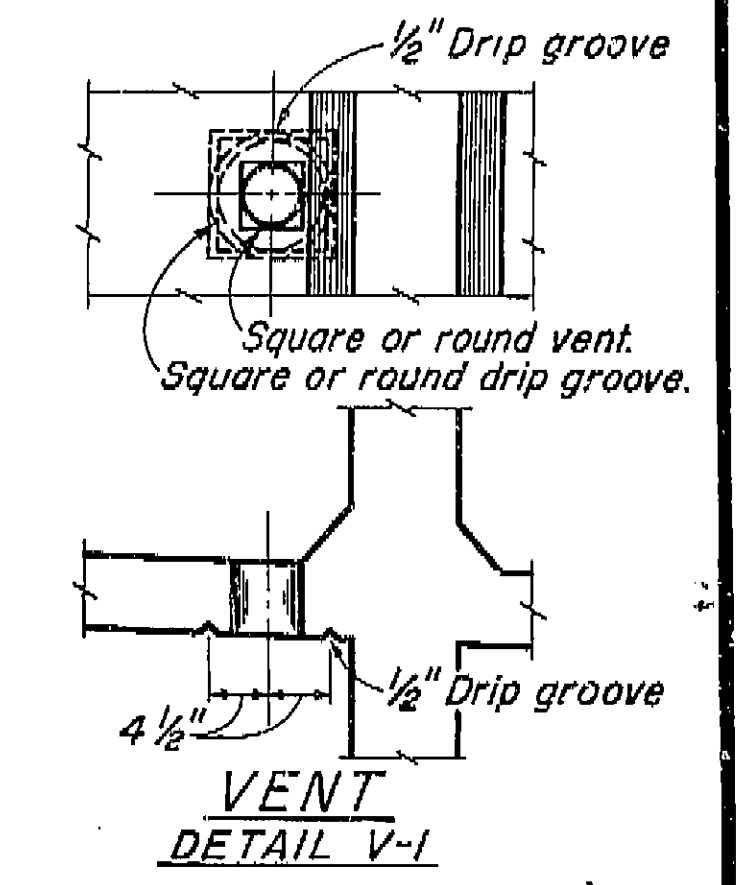
PART SECTIONS EXTERIOR GIRDER WITH SLAB CANTILEVER



PART SECTION INTERIOR GIRDER KEY-GIRDER STEM TO SLAB
DETAIL J-5



INTERMEDIATE DIAPHRAGM SECTION
DETAIL D-1



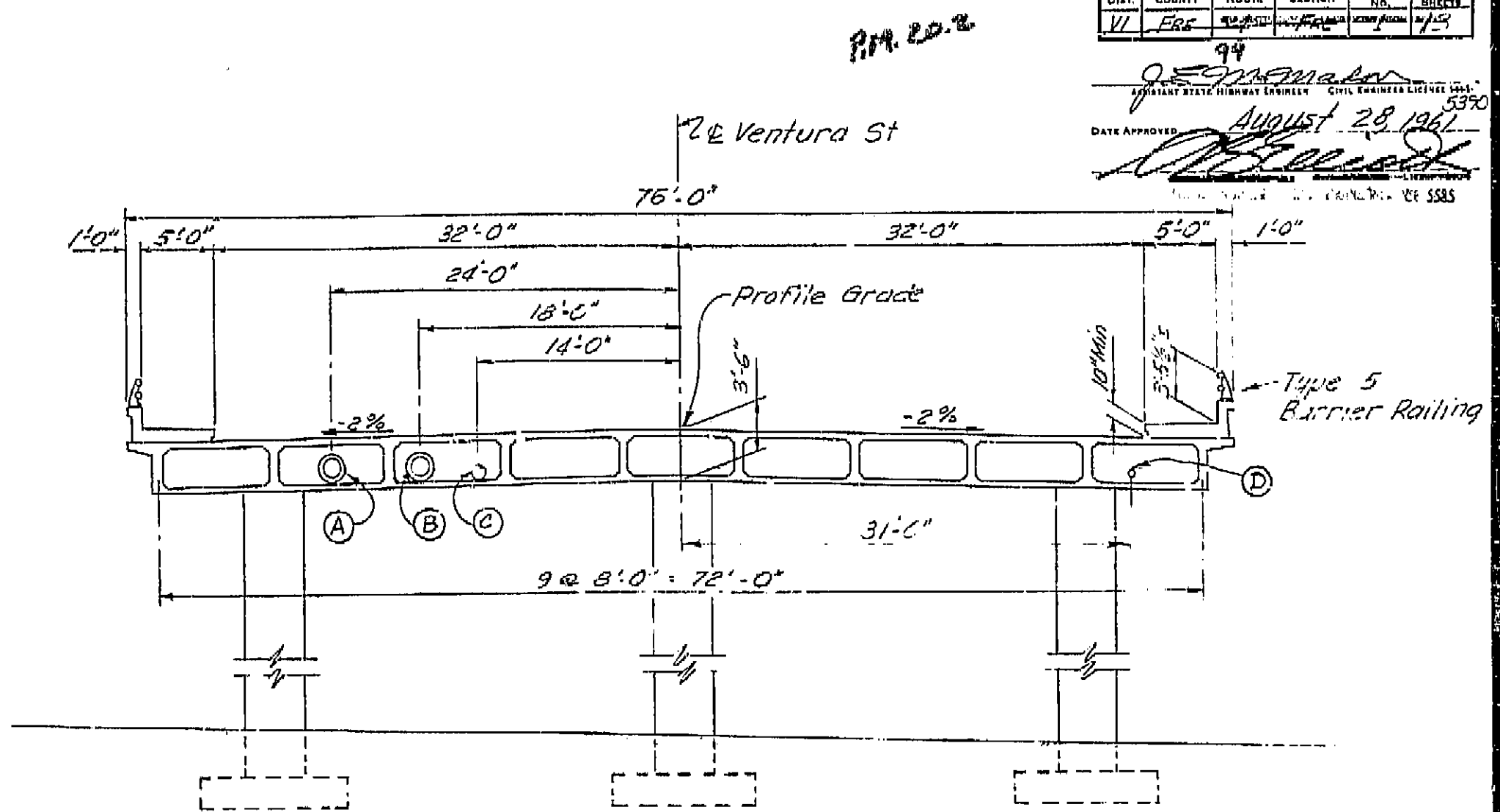
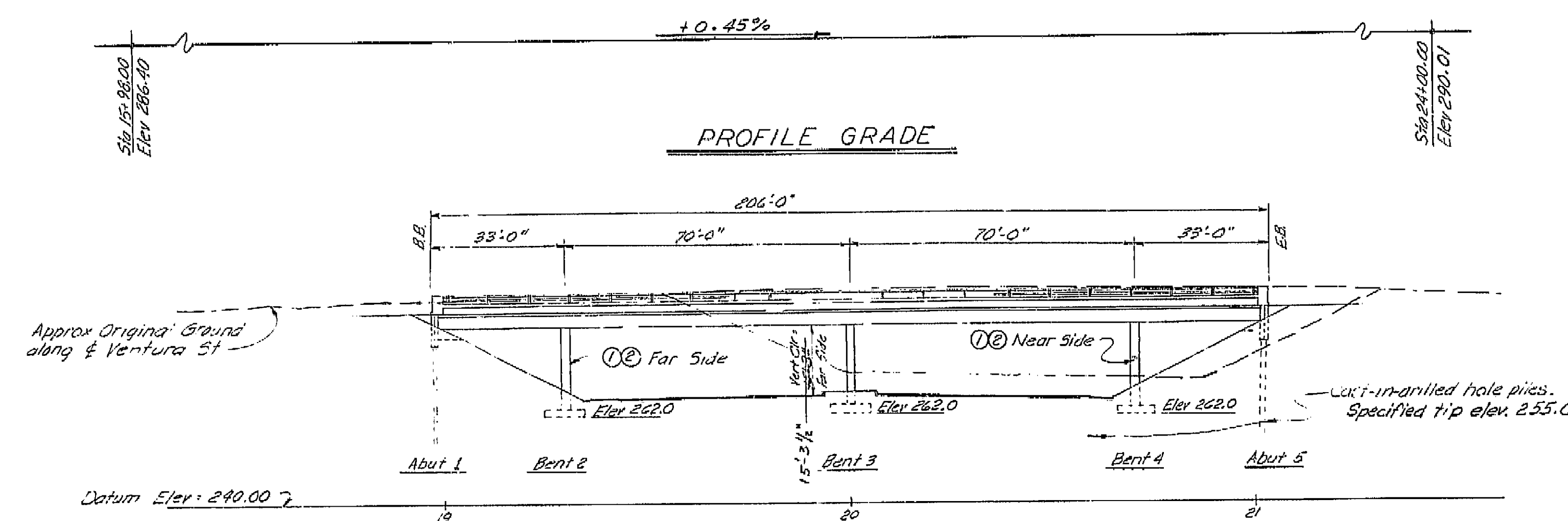
VENT
DETAIL V-1
Note: 5"± Vent in lower slab. Min. of two vents per span in each bay between girders. One vent to be located at low point of span and other vent to be located at opposite end of span @ 1'-6" from face of Abutment or Bent. See "Girder Layout".

BRIDGE DEPARTMENT			
DESIGN SECTION 2			
Project Designer: <i>[Signature]</i>			
Chief Designer: <i>[Signature]</i>			
DESIGN	BY E.O. Berry	DATE 9/60	REVIEWED BY R.A. McTigue
DETAILS	BY E.O. Berry	DATE 9/60	REVIEWED BY R.A. McTigue
QUANTITIES	BY E.O. Berry	DATE 9/60	REVIEWED BY E.O. Berry
SPECIFICATIONS	BY E.O. Berry	DATE 9/60	REVIEWED BY E.O. Berry
Approval Recommended by: <i>[Signature]</i>			

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
9/60	VENTURA STREET OVERCROSSING
STANDARD DETAILS NO. 1 (BOX GIRDER)	
SCALE: NONE	BRIDGE: 42-158
FILE: XS-16-22	DRAWING: C-42158-8

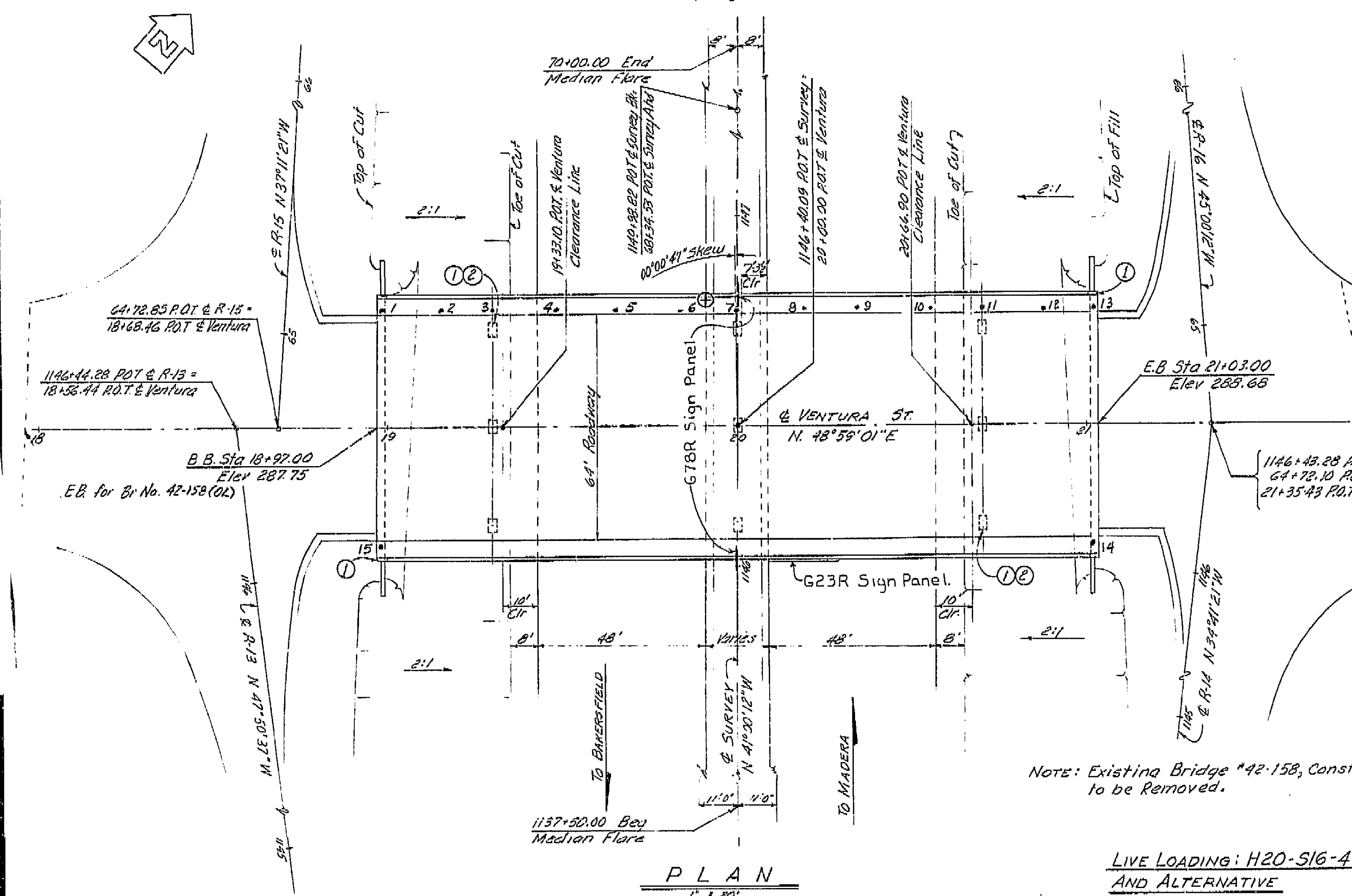
PREL. DRAWING NO. P-42-158-10

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE: _____ SIGNATURE: _____ TITLE: _____



- (A) 20" Storm Drain Casing (See "Road Plans")
- (B) 12" Water main in 20" casing, City of Fresno.
- (C) 6" Low pressure Gas main in 10" casing, PG & E.
- (D) 2" Fire alarm system conduit, City of Fresno. (See "Road Plans")

REMOVING BRIDGE	LUMP SUM
*STRUCTURE EXCAVATION (BRIDGE)	610 C.Y.
*STRUCTURE BACKFILL (BRIDGE)	310 C.Y.
16" C.I.D.H. CONCRETE PILING	345 L.F.
*CLASS "A" CONCRETE (BRIDGE)	1,095 C.Y.
BARRIER RAILING (TYPE 3)	412 L.F.
*PILE REINFORCING STEEL (BRIDGE)	315,000 LBS.



INDEX

Final Elev.	SHEET NO.	TITLE
1. 287.900	1	General Plan
2. 287.994	2	Grid of Deck Elevations
3. 288.104	3	Foundation Plan
4. 288.177	4	Abutment Details
5. 288.263	5	Bent Details
6. 288.316	6	Typical Section & Girder Layout
7. 288.368	7	Girder Reinforcement
8. 288.468	8	Standard Details No. 1
9. 288.591	9	Standard Utility Details No. 1
10. 288.659	10	Barrier Railing Sheet 1
11. 288.673	11	Barrier Railing Sheet 2
12. 288.679	12	Log of Test Borings
13. 288.683	13	Lighting Plan
14. 288.683	14	
15. 287.914	15	

Note: For details on G23R sign brackets and G78R sign frames, see "Road Plans".
For anchor bolt layout and pedestal details for G78R signs, see "Barrier Railing Sheet 1."

Note: Route Change (VI-Fre-99)

- ① Indicates location for painting Bridge Number and year constructed
- ② Indicates location for painting "Ventura St. O.C."
- ⊕ Indicates point of minimum vertical clearance

Note: Existing Bridge #42-158, Constructed 1957, to be Removed.

LIVE LOADING: H20-S16-44
AND ALTERNATIVE

BRIDGE DEPARTMENT DESIGN SECTION Project Designer: <i>[Signature]</i> Chief Designer: <i>[Signature]</i>		2
DESIGN: <i>[Signature]</i> DETAILS: <i>[Signature]</i> QUANTITIES: <i>[Signature]</i> SPECIFICATIONS: <i>[Signature]</i>		
VENTURA STREET OVERCROSSING LOCATED IN THE CITY OF FRESNO GENERAL PLAN		
SCALE: AS NOTED BRIDGE: 42-158 FILE: <i>[Signature]</i> DRAWING: C-42158-1		

AS BUILT PLANS
Contract No. 62-6T13C3
Date Completed
Document No. 60001062

386

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE: 11/1/72 SIGNATURE: *[Signature]* TITLE: *[Title]*

AS BUILT PLANS
 Contract No. 62-67/3C3
 Date Completed
 Document No. 62001062

B-1, E-1

Notes: 1. All borings were made in accordance with the specifications for borings in the California Department of Public Works Manual, 1964 Edition, 255.271.

FIELD ENGINEER	DATE	BY	DATE
DRAWN	5-60	BY	5-60
CHECKED	5-60	BY	5-60

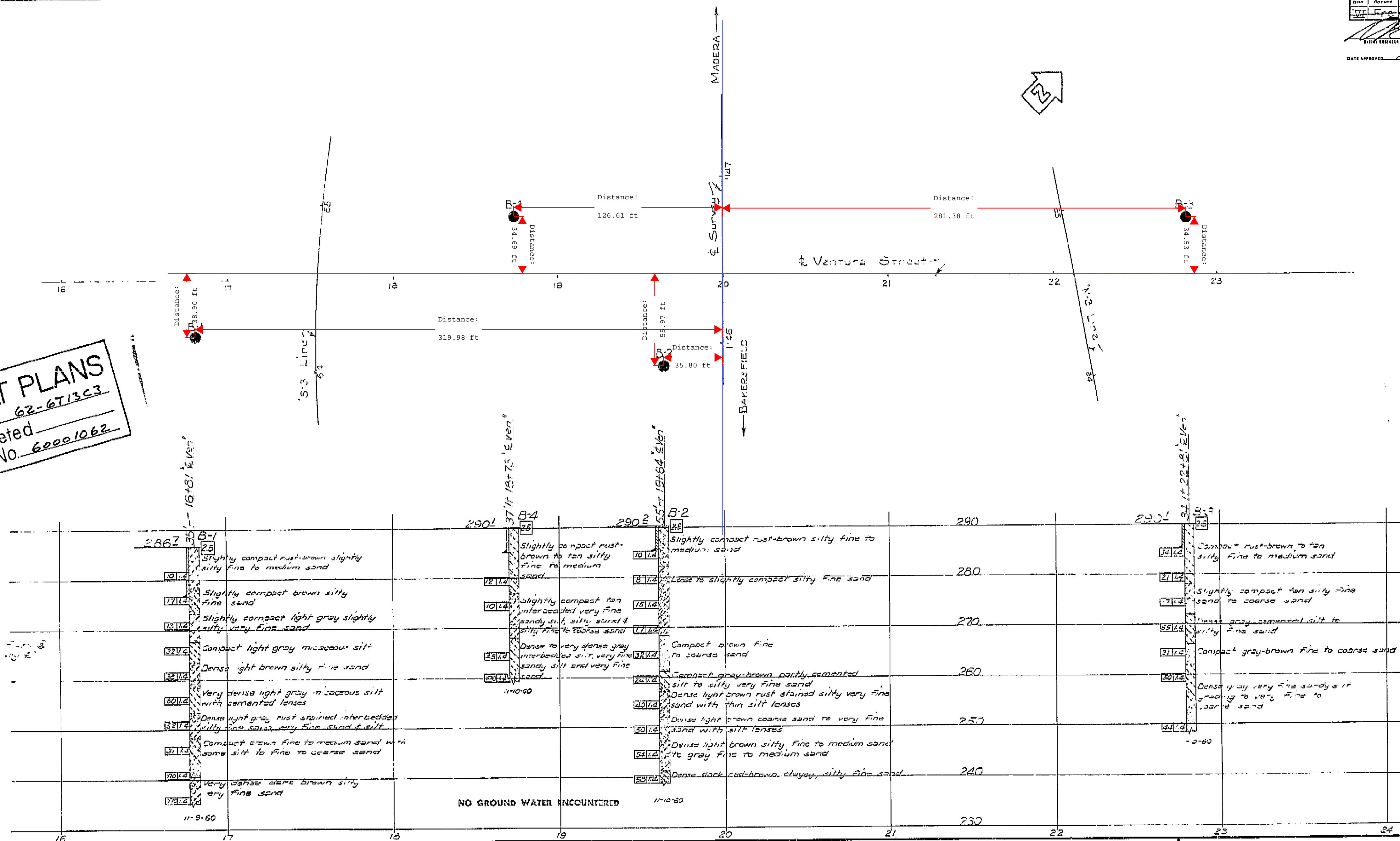
Approved for Construction by: *[Signature]* Date: 11-14-64
 State Engineer, California

U-006-2 (6)
 F-006-2 (5)

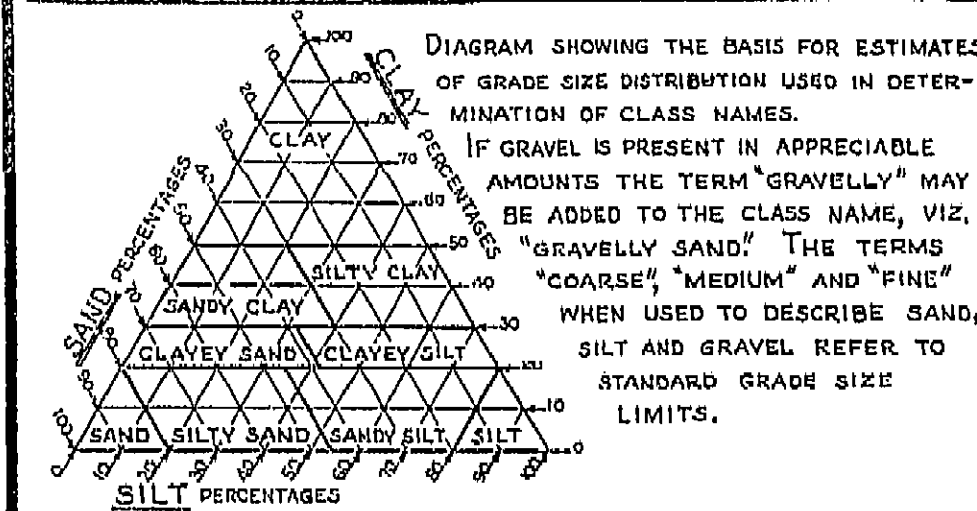
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	CAL.			397	424

DATE	ENGINEER	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
August 26, 1964	<i>[Signature]</i>	VI	Fre	397	424

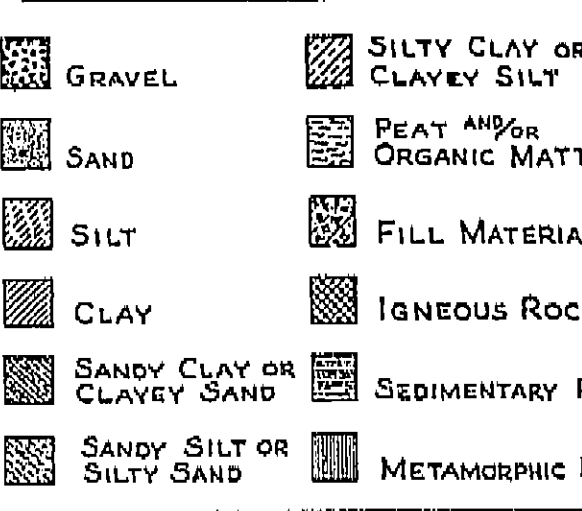
DATE APPROVED: August 26, 1964



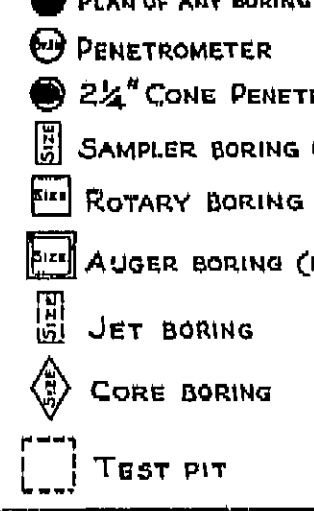
CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE SIZE LIMITS



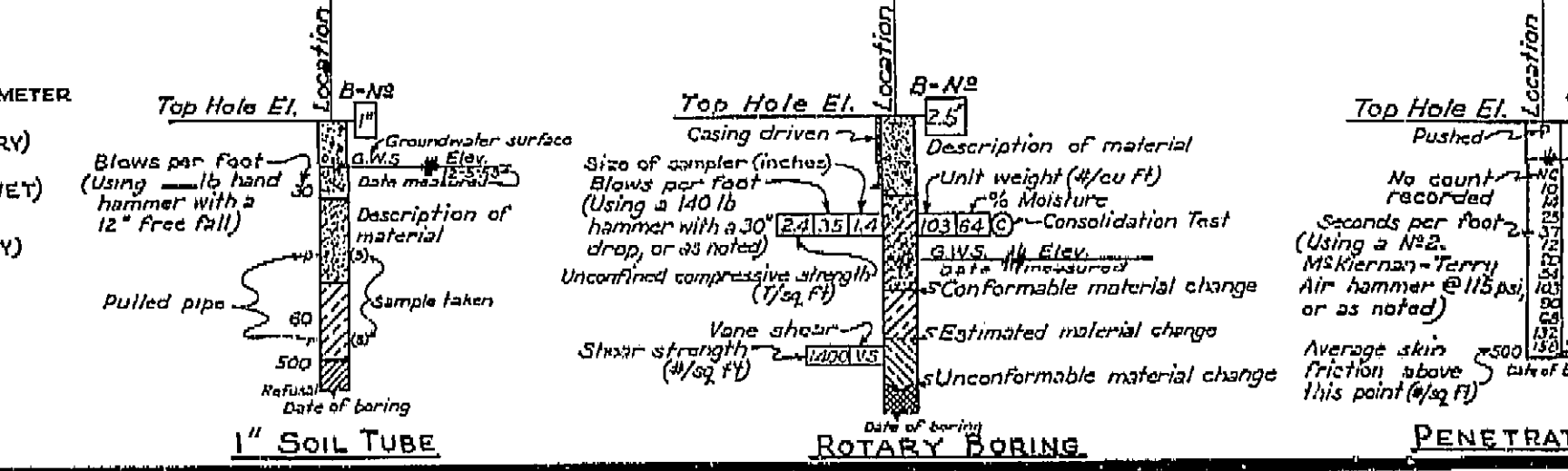
LEGEND OF EARTH MATERIALS



LEGEND OF BORING OPERATIONS



LEGEND OF BORING OPERATIONS

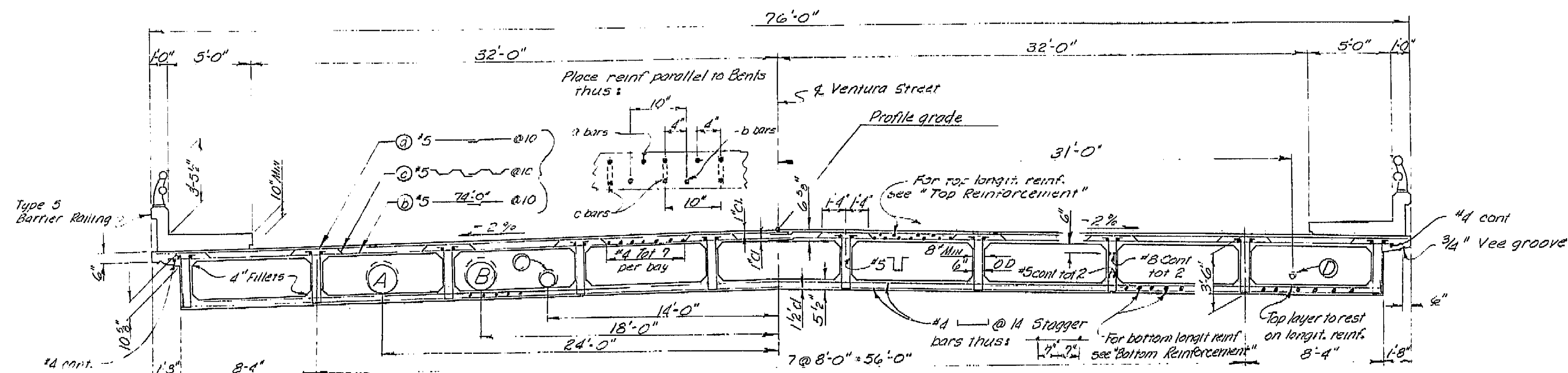


PREL. DRAWING NO. P-4215B-12

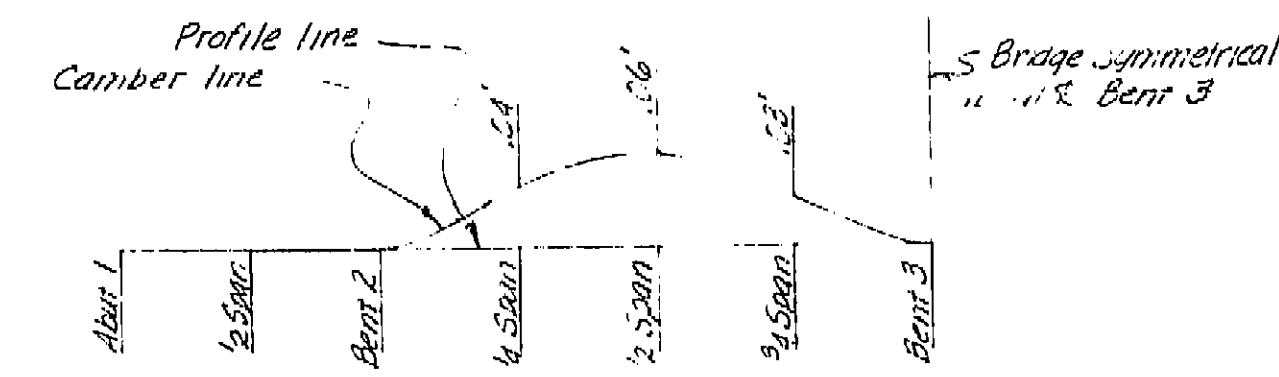
397

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE: 11-14-64 SIGNATURE: *[Signature]* TITLE: *[Title]*



TYPICAL SECTION
1/4" = 1'-0"

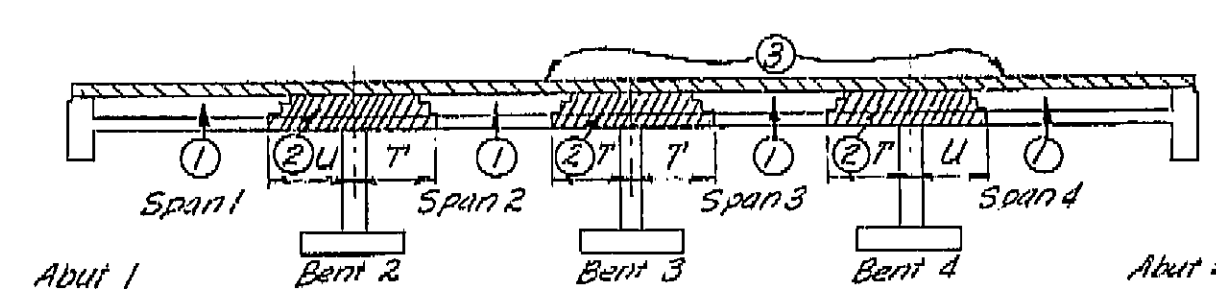


CAMBER DIAGRAM

Note: The total deflection will be reached about 4 years after falsework removal. For values at time of falsework removal, divide those shown by 4. The amount of camber for construction will be determined by the Engineer.

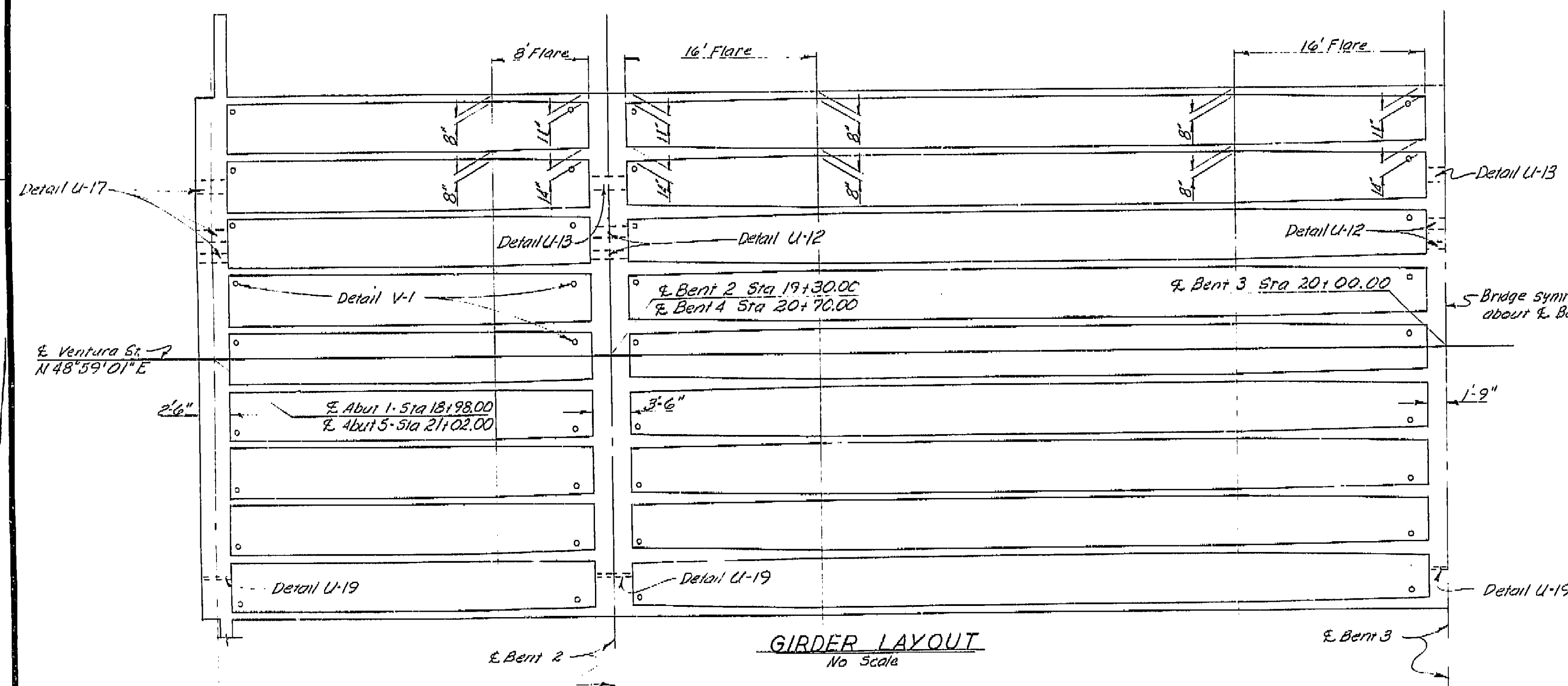
UTILITIES

- (A) 20" Storm Drain Casing
- (B) 12" Water Main in 20" Casing
- (C) 6" Low Pressure Gas Main in 10" Casing
- (D) 2" Fire Alarm System Conduit

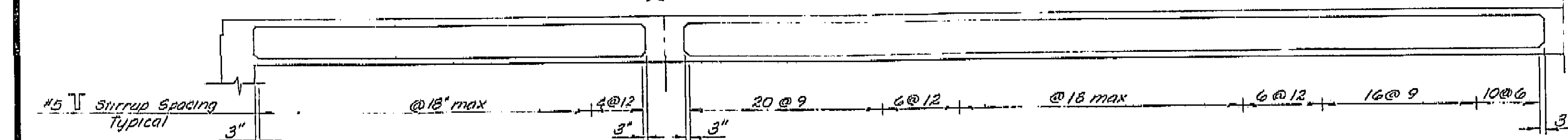


BOX GIRDER SUPERSTRUCTURE PLACING DIAGRAM

Numbers (1) and (2) indicate sequence of placing bottom slab and girder stem concrete. (2) may be placed simultaneously with (1) when approved by the Engineer, and provided that the (1) sections are placed in adjoining spans. Top slab concrete (3) shall be placed separately from (1) and (2). (3) may be placed continuously or in parts as approved by the Engineer, however the only joints permitted shall be located within 2'-0" of the girder joints between (1) and (2).
 $T = \frac{1}{2}$ span length
 $U = \frac{1}{4}$ span length
 For any deviation from the above the contractor shall submit a diagram to the Engineer.



GIRDER LAYOUT
No Scale



LONGITUDINAL SECTION
No Scale

BRIDGE DEPARTMENT			
DESIGN SECTION 2			
Project Designer: <i>[Signature]</i>			
Chief Designer: <i>[Signature]</i>			
DESIGN	ED Berry 11/60	Checked	Roy McTye 11/60
DETAILS	ED Berry 11/60	Checked	Roy McTye 11/60
QUANTITIES	ED Berry 11/60	Checked	ED Berry 11/60
SPECIFICATIONS	ED Berry 11/60	Checked	ED Berry 11/60
Approval Recommended by: <i>[Signature]</i>			

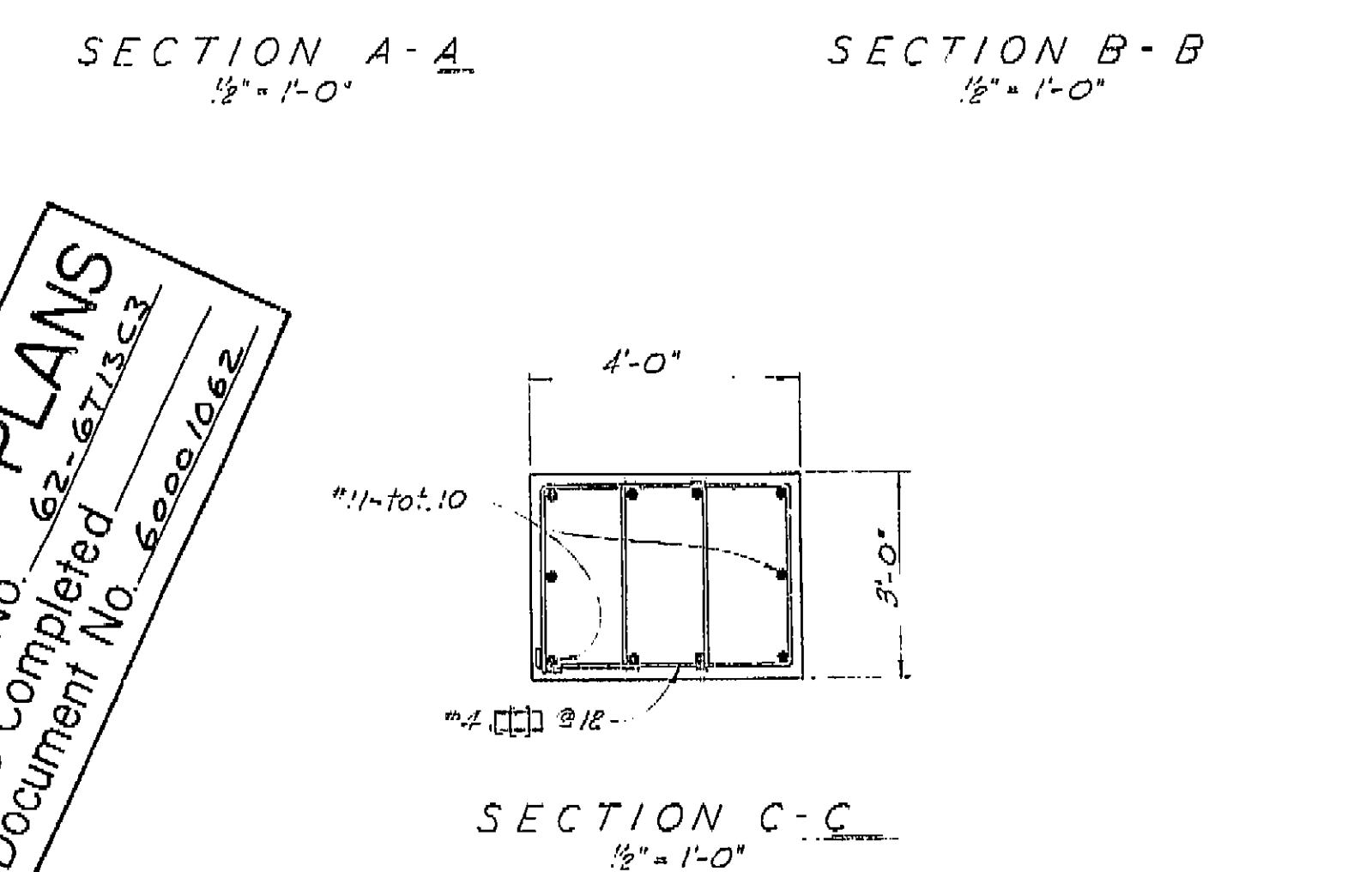
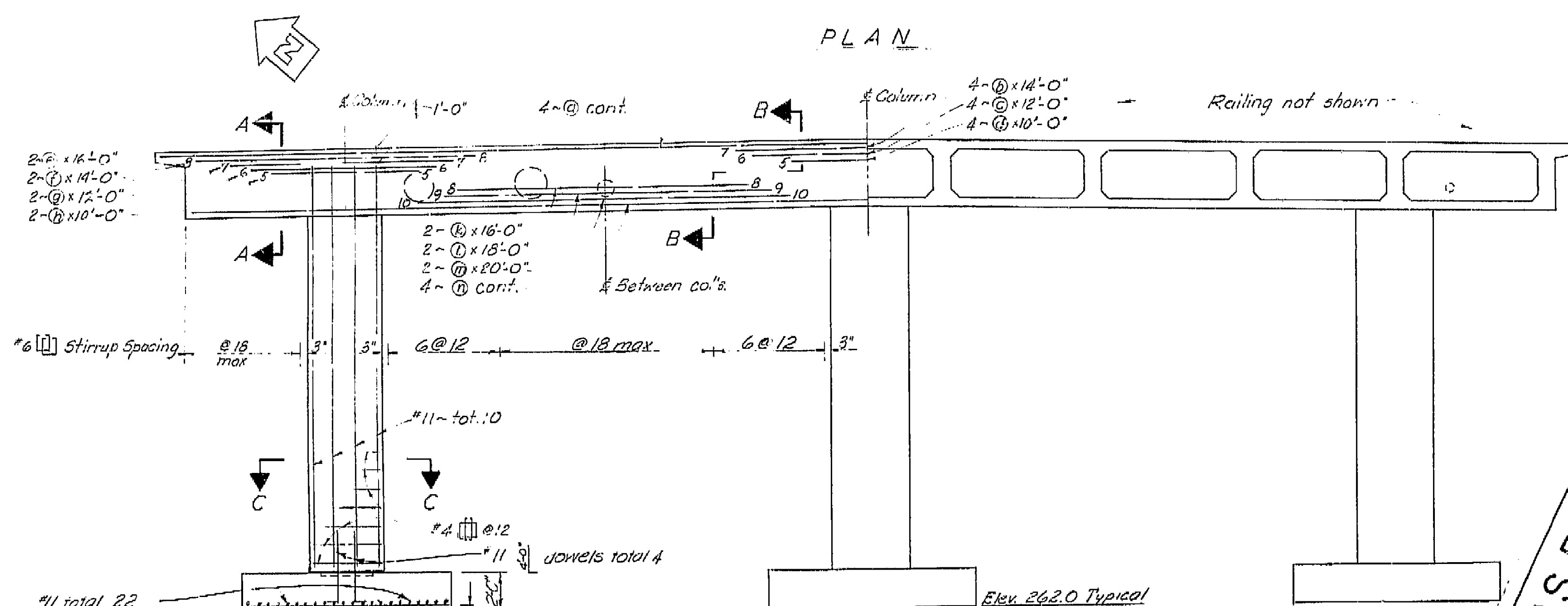
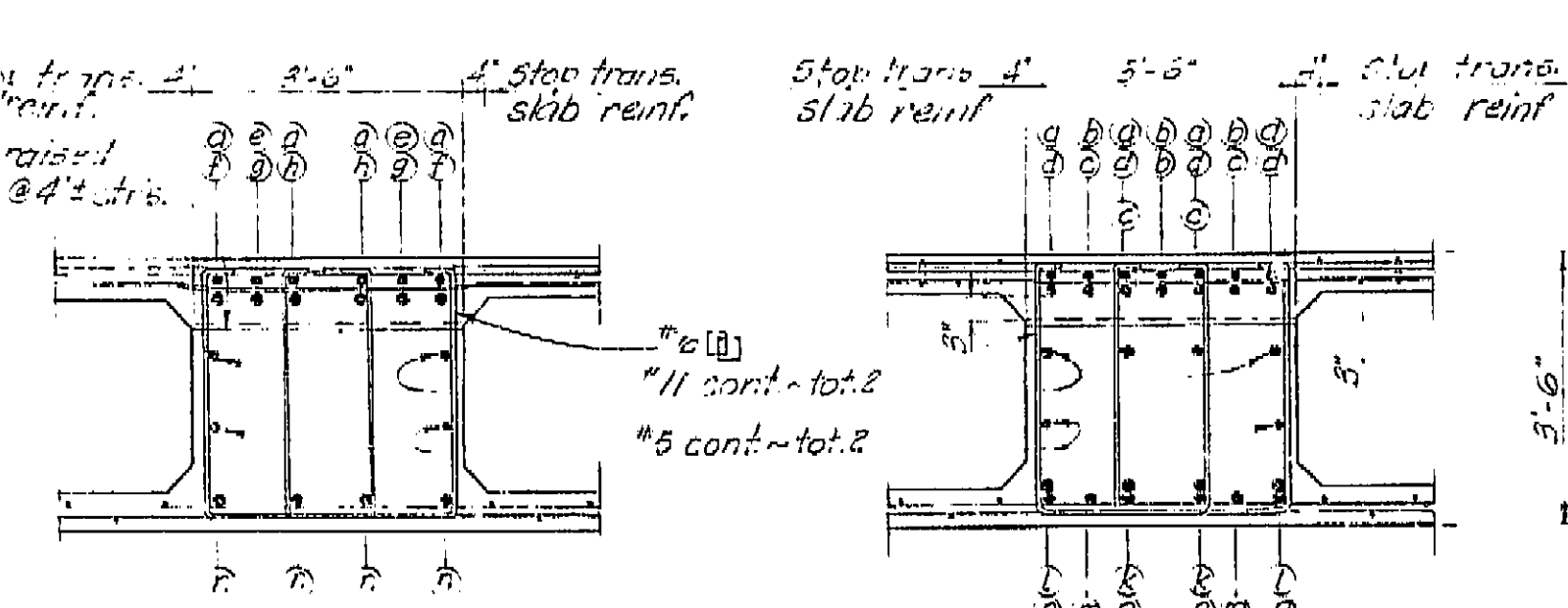
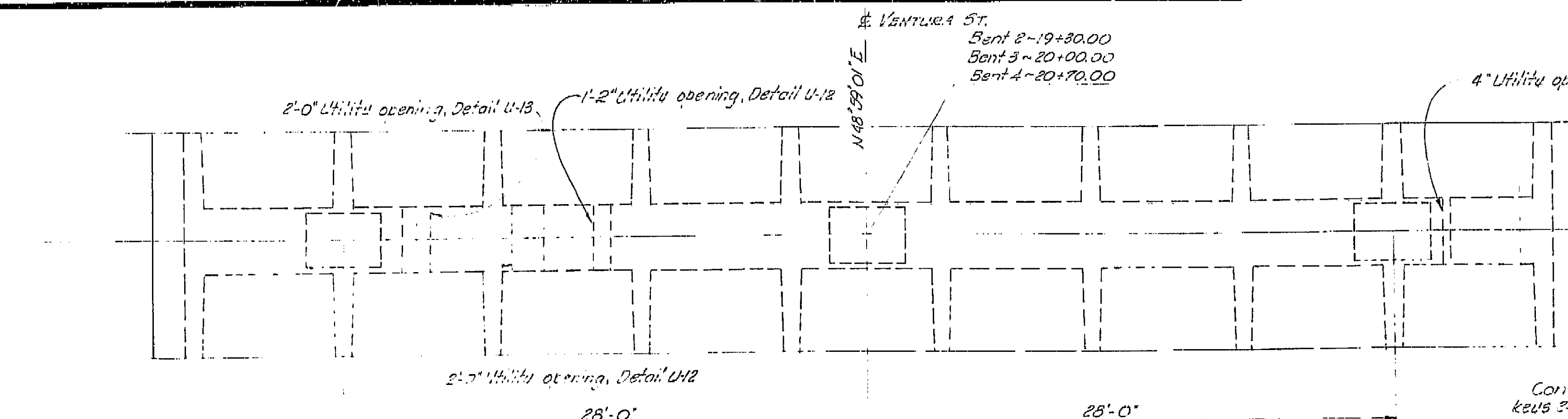
STATE OF CALIFORNIA			
DEPARTMENT OF PUBLIC WORKS			
DIVISION OF HIGHWAYS			
VENTURA STREET OVERCROSSING			
TYPICAL SECTION AND GIRDER LAYOUT			
SCALE AS SHOWN	BRIDGE 42-158	FILE	DRAWING C-42158-6

Disregard prints bearing earlier numbers PREL. DRAWING No. P-42-158-8

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

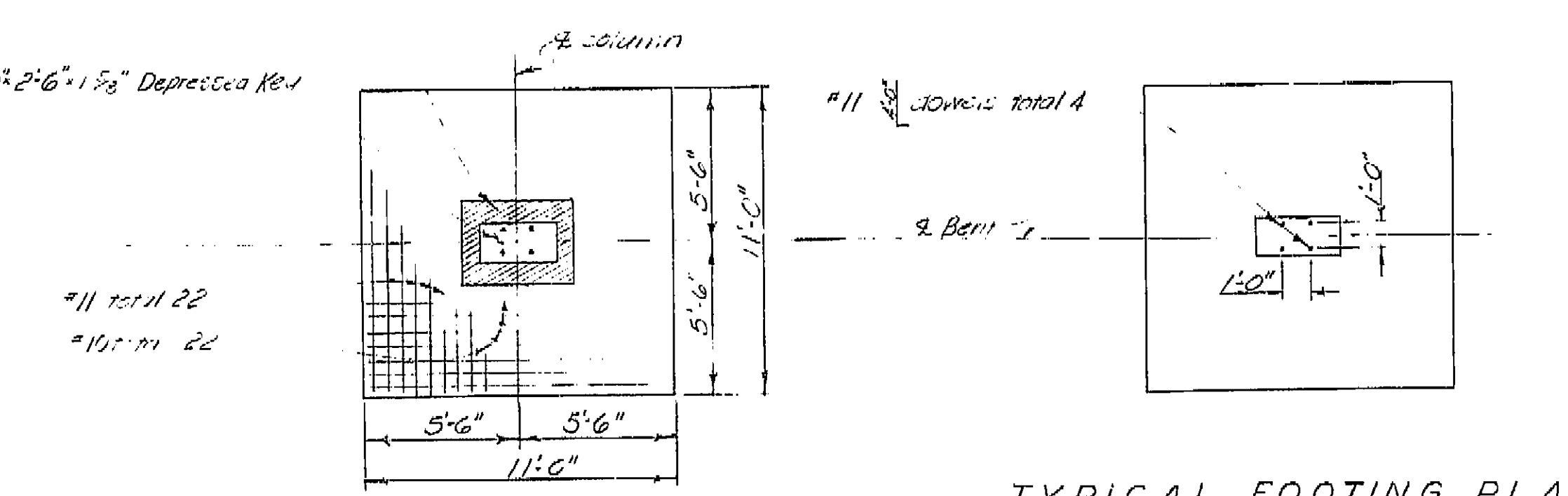
DATE 11 22 SIGNATURE *[Signature]* TITLE *[Title]*

AS BUILT PLANS
Contract No. 62-6713C3
Date Completed
Document No. 60001062



AS BUILT PLANS
Contract No. 62-671353
Date Completed
Document No. 60001062

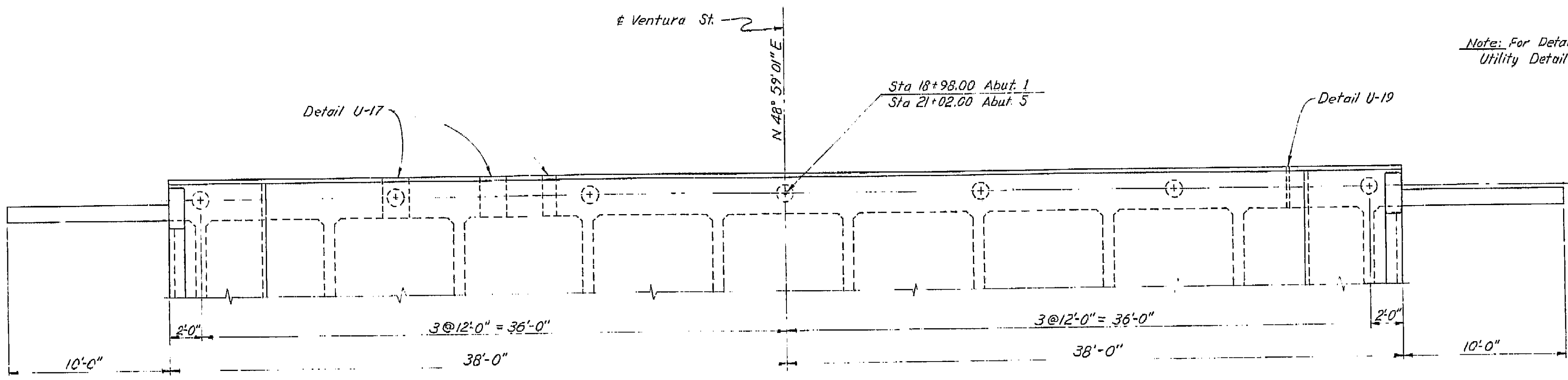
Note:
All bars are #11 except as noted. Numbers at ends of bars indicate distance in feet from # Column for top reinf. and from # Between col's for bottom reinf.
No splicing of #11 bars permitted near # column in top reinforcement or near # open in bottom reinf.



BRIDGE DEPARTMENT DESIGN SECTION 2		STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
Section Supervisor: <i>W. J. Winkler</i>		VENTURA STREET OVERCROSSING	
DESIGN: BY <i>E.D. Berry</i> 11/60 Checked: <i>Roy H. Hie</i> 11/60		BENT DETAILS	
DETAILS: BY <i>E.D. Berry</i> 11/60 Checked: <i>Roy H. Hie</i> 11/60		Project as noted SCALE: 1/2" = 1'-0"	
QUANTITIES: BY <i>E.D. Berry</i> 11/61 Checked: <i>E.D. Berry</i> 11/61		BRIDGE 48-153 FILE DRAWING C-42158-5	

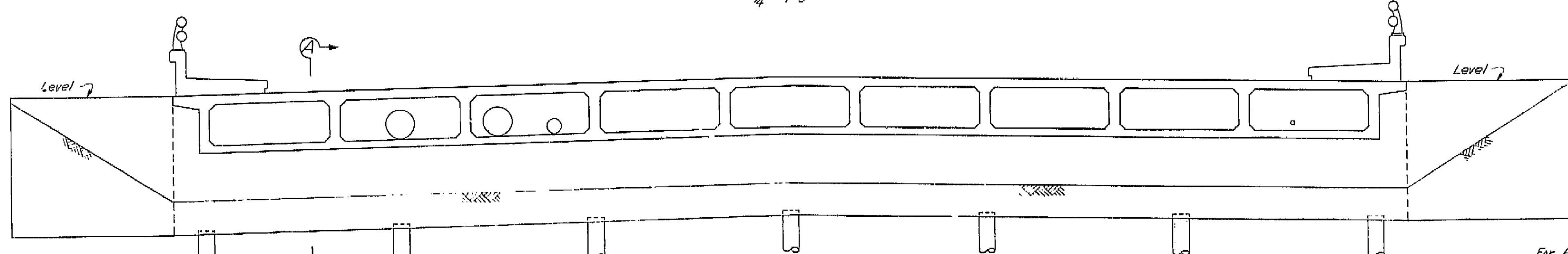
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE 1-13-72 SIGNATURE *Robert G. Hart* TITLE *Asst. Dir. of Pub. Works*

390



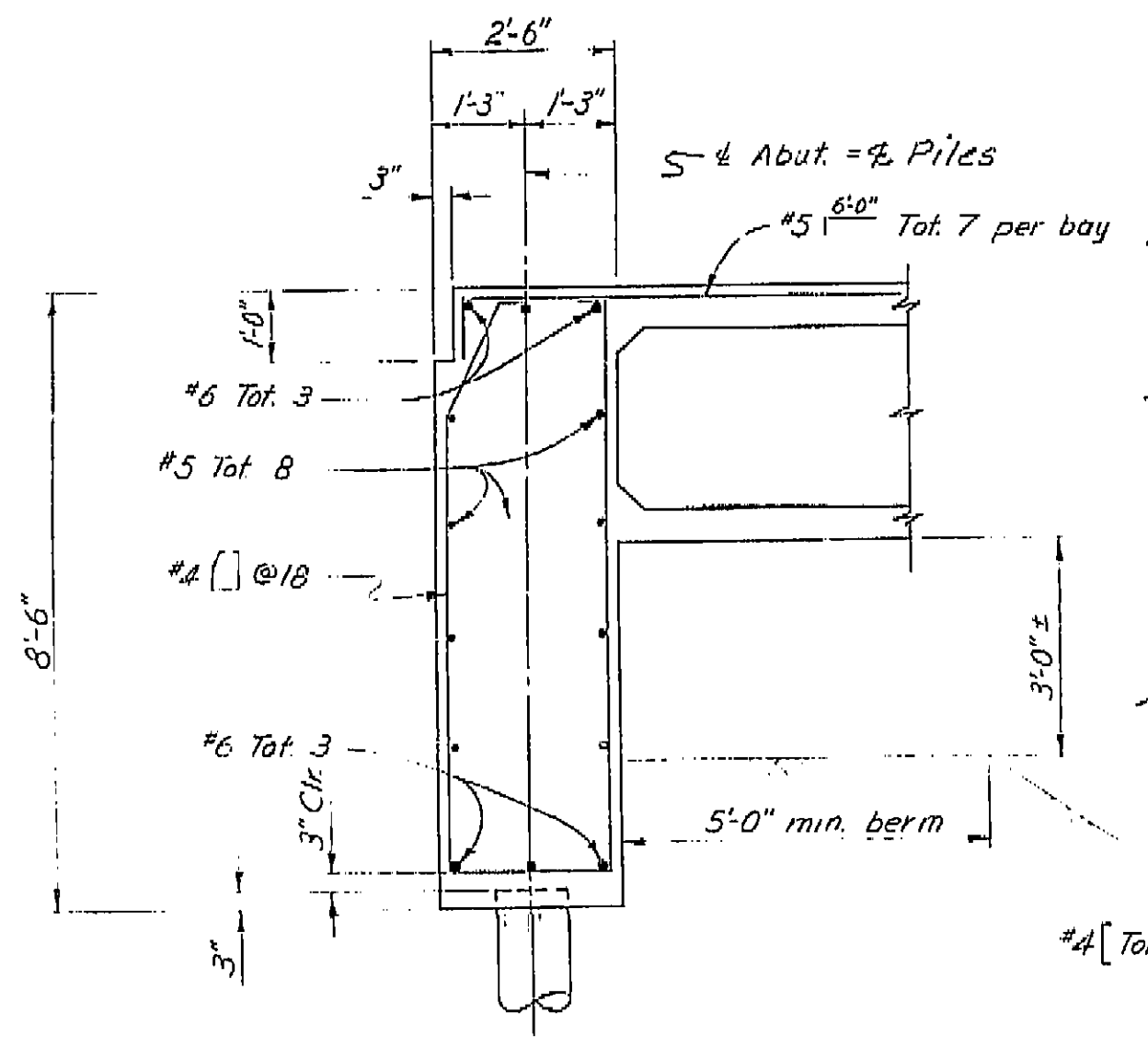
PLAN
1/4" = 1'-0"

Note: For Details U-17 and U-19 see "Standard Utility Detail No. 1" sheet.

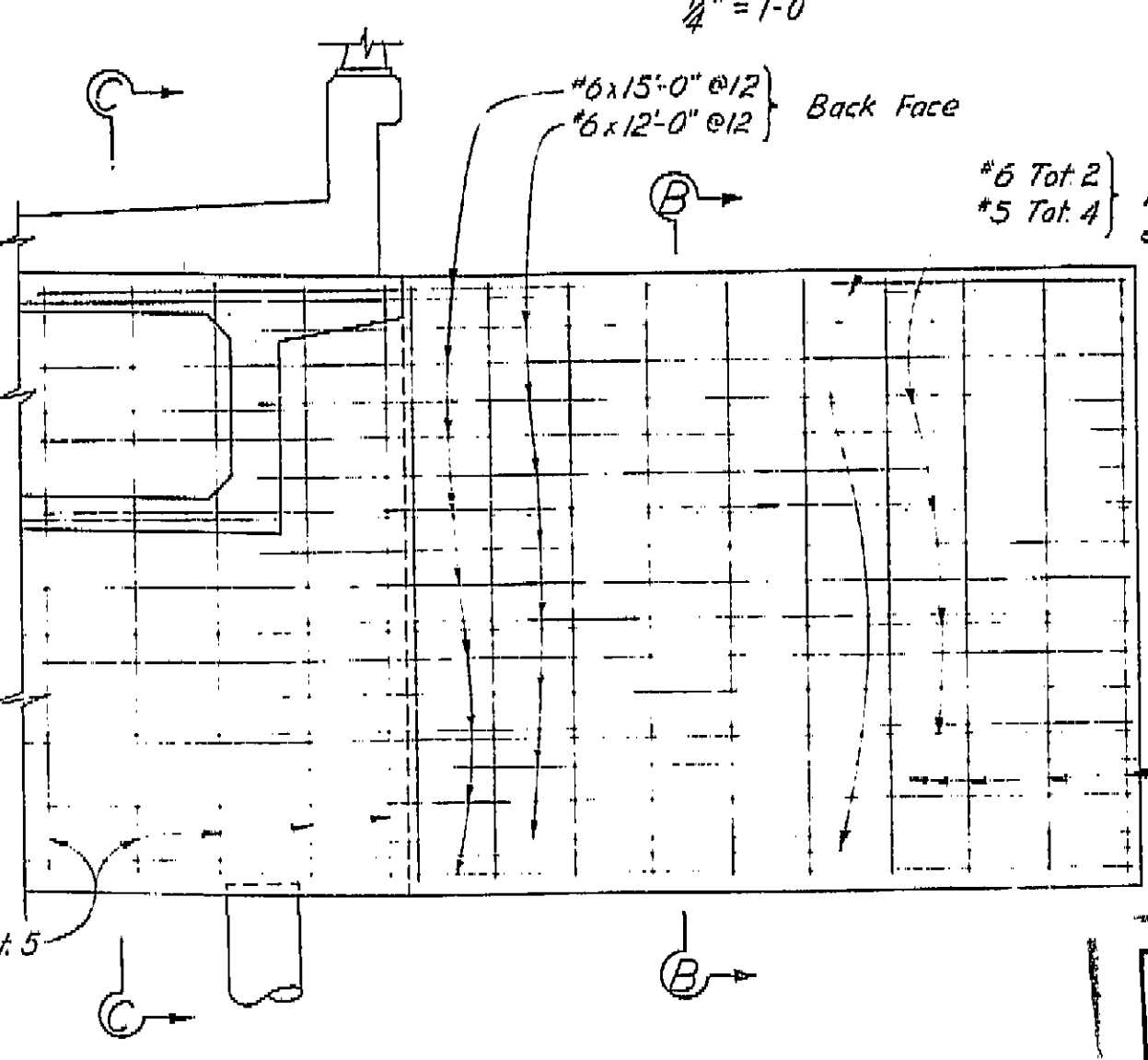


ELEVATION
1/4" = 1'-0"

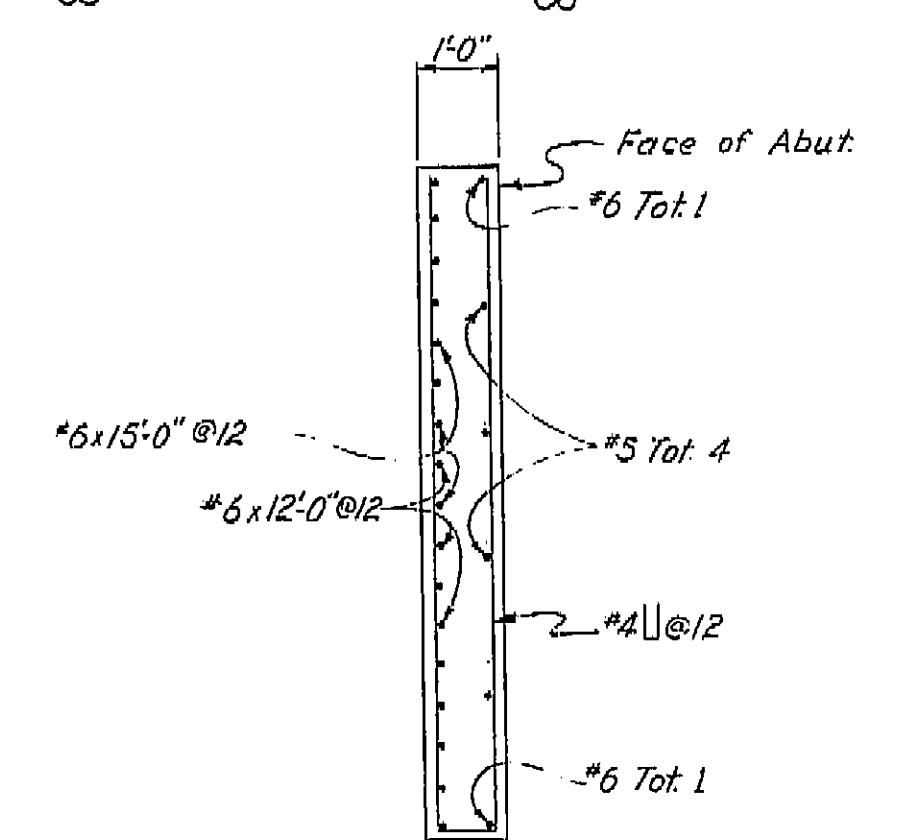
Note: Abut. 1 shown, Abut. 5 similar.



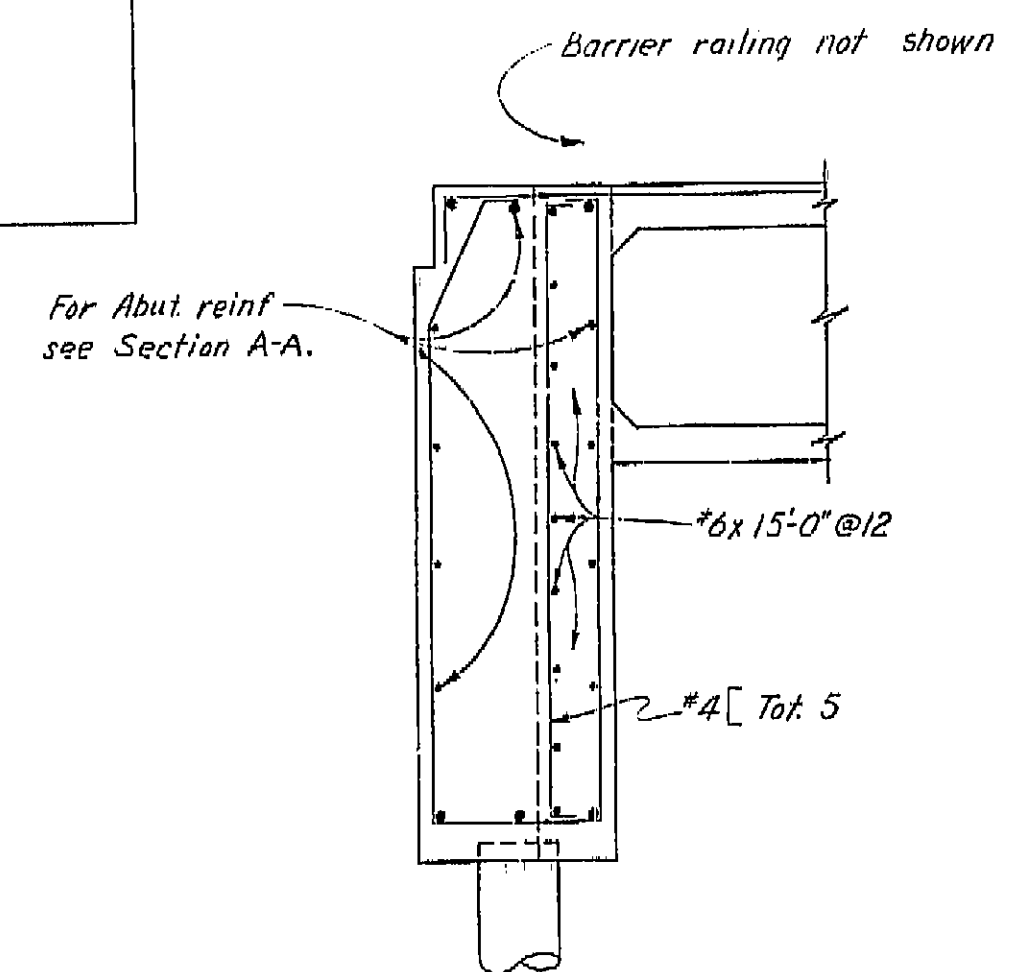
SECTION A-A
1/2" = 1'-0"



TYPICAL WINGWALL ELEVATION
1/2" = 1'-0"



SECTION B-B
1/2" = 1'-0"



SECTION C-C
1/2" = 1'-0"

AS BUILT PLANS
Contract No. 62-6T13C3
Date Completed
Document No. 60801062

BRIDGE DEPARTMENT	
DESIGN	ED Berry 1/61
DETAILS	D. F. Pollock 1/61
QUANTITIES	ED Berry 1/61

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS			
VENTURA STREET OVERCROSSING			
ABUTMENT DETAILS			
SCALE As Shown	BRIDGE 42-158	FILE	DRAWING C-42158-4

389

STANDARD DRAWING
 Bridge Department
 Design
 Details
 Approved
 Recommended by

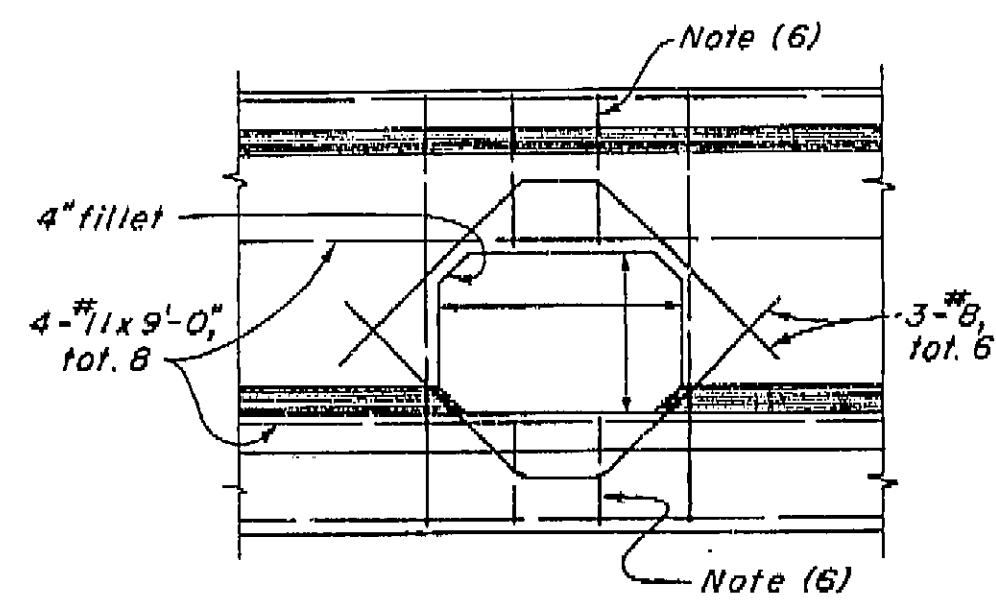
STATE OF CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 BRIDGE DEPARTMENT

VI Fre 99 U-006-2 (6)
 F-006-2 (5)

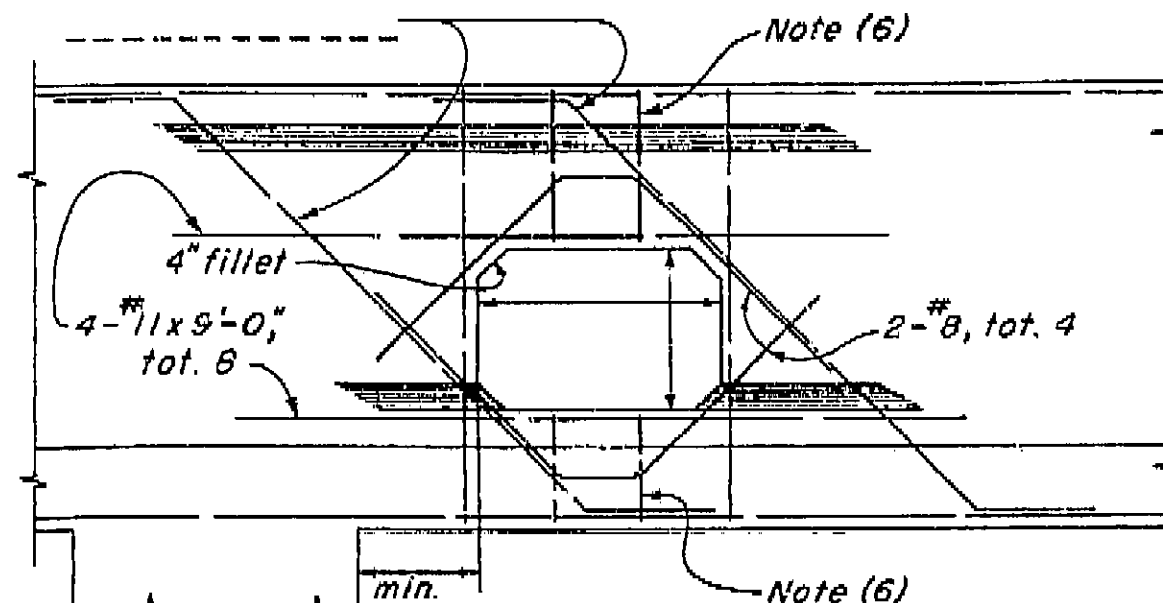
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
7	CAL.		399	424

DIST.	COUNTY	TOWNSHIP	SECTION	SHEET NO.	TOTAL SHEETS
VI	Fre	99		399	424

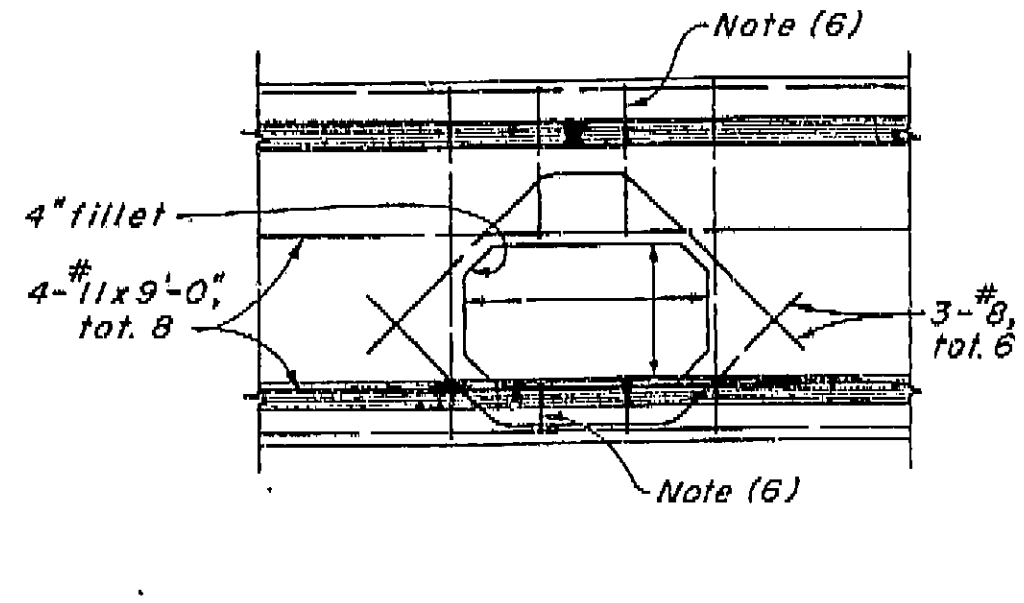
BRIDGE ENGINEER
 CIVIL ENGINEER - LICENSE NO. 3351
 APPROVED August 28, 1961



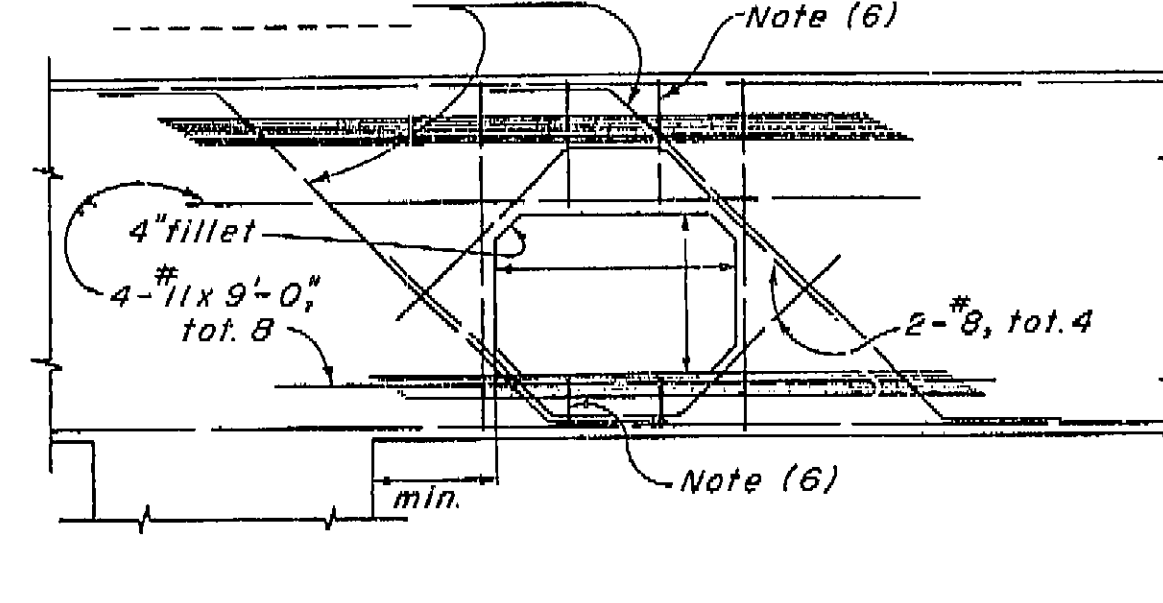
TYPICAL
DETAIL U1



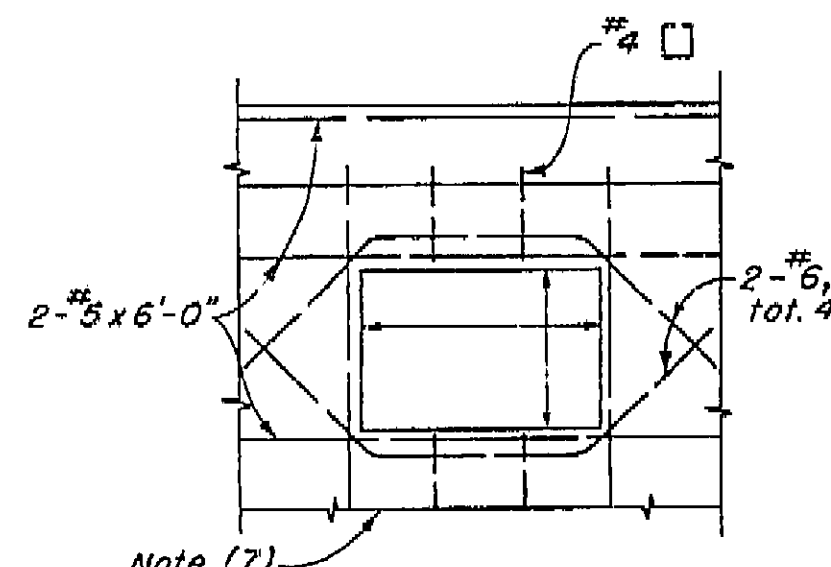
NEAR COLUMN
DETAIL U2



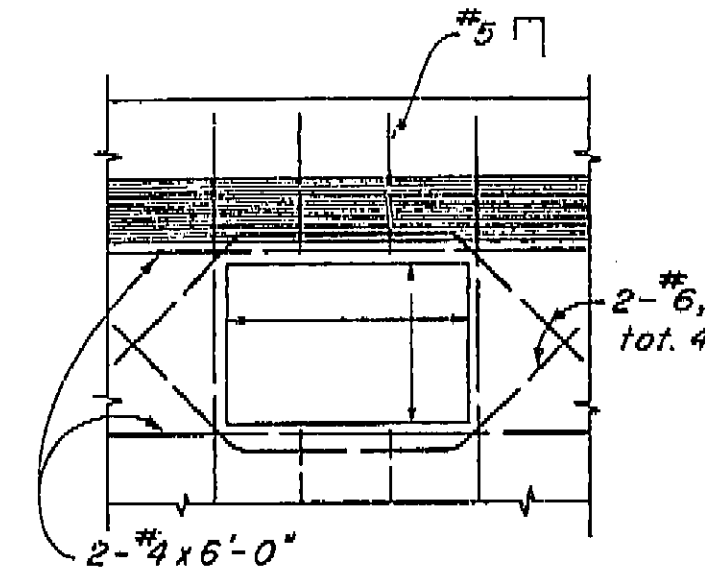
TYPICAL
DETAIL U3



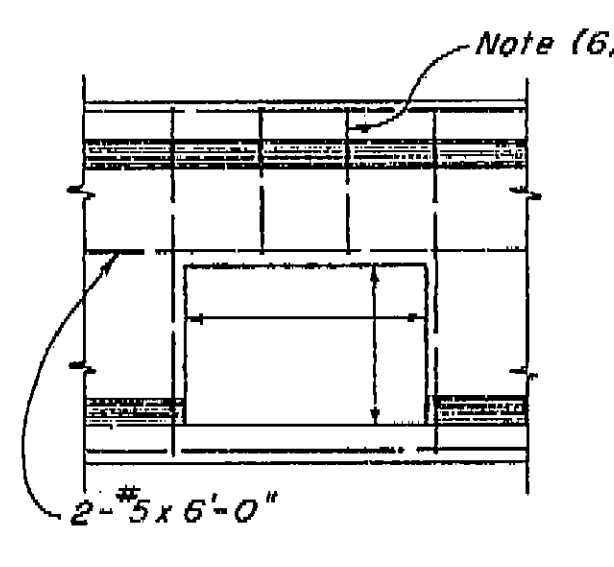
NEAR COLUMN
DETAIL U4



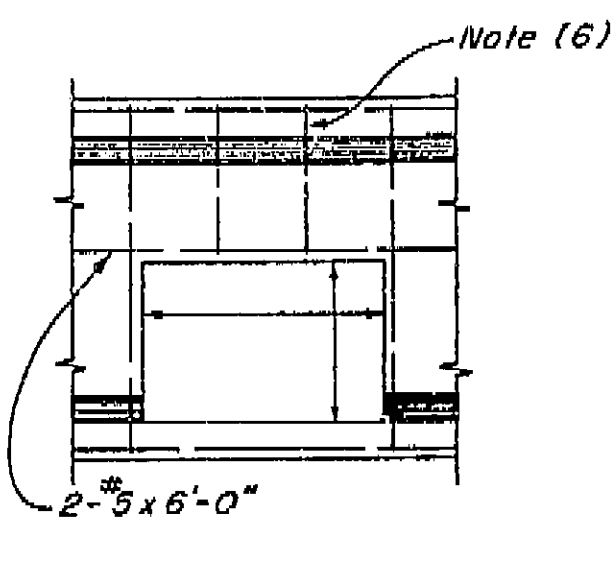
RIGID FRAME
DETAIL U5



CANTILEVER TYPE
DETAIL U6

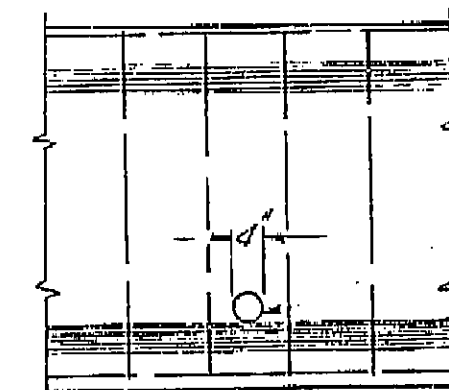


END
DETAIL U7



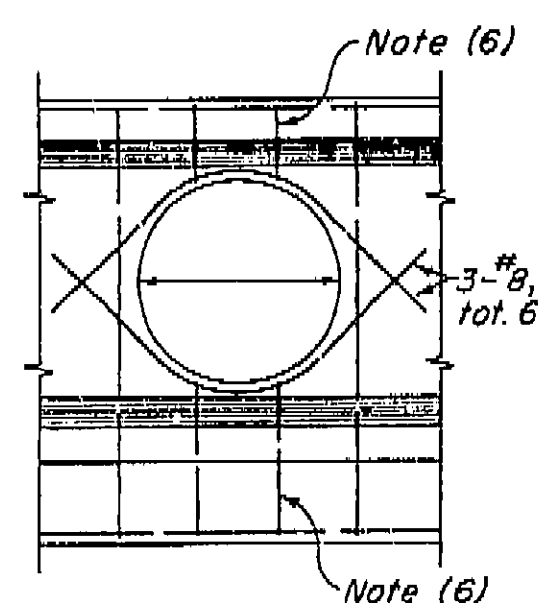
INTERMEDIATE
DETAIL U8

AS BUILT PLANS
 Contract No. 62-6T13C3
 Date Completed
 Document No. 60001062

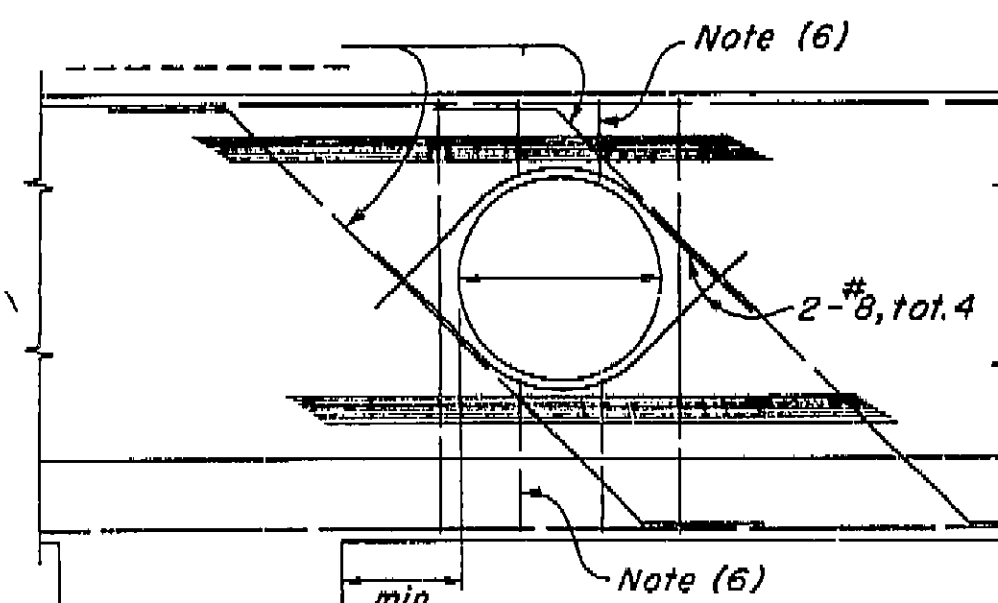


DETAIL U19

ABUTMENT BACKWALL

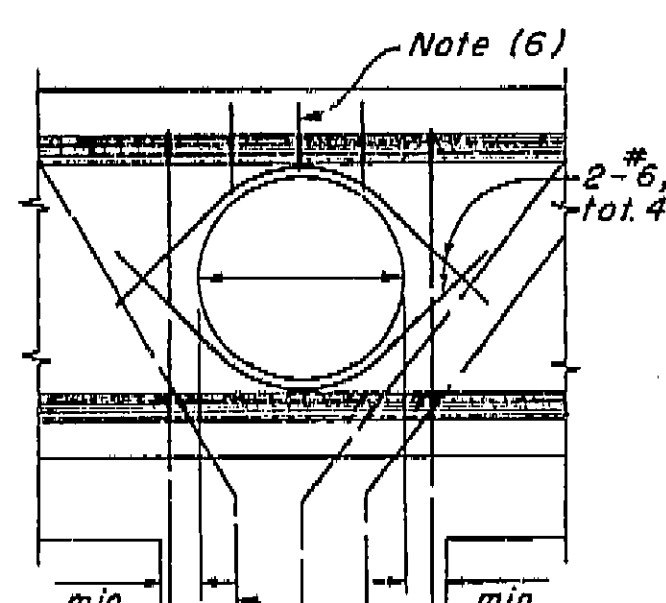


TYPICAL
DETAIL U9

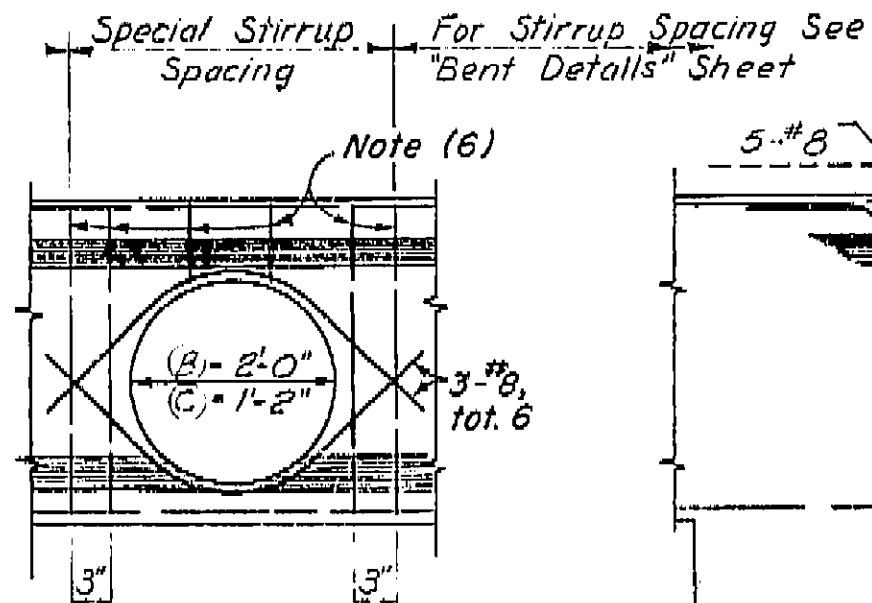


NEAR COLUMN
DETAIL U10

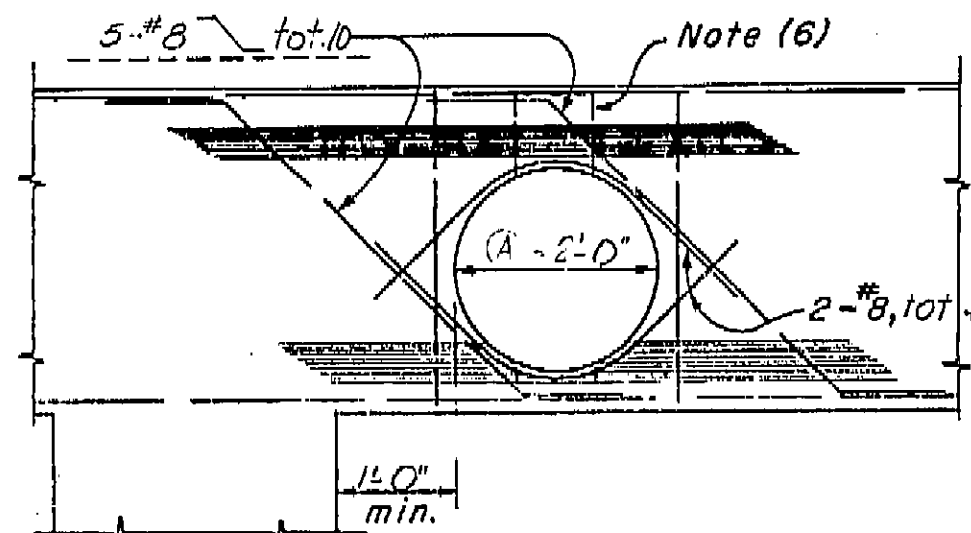
DIAPHRAGMS



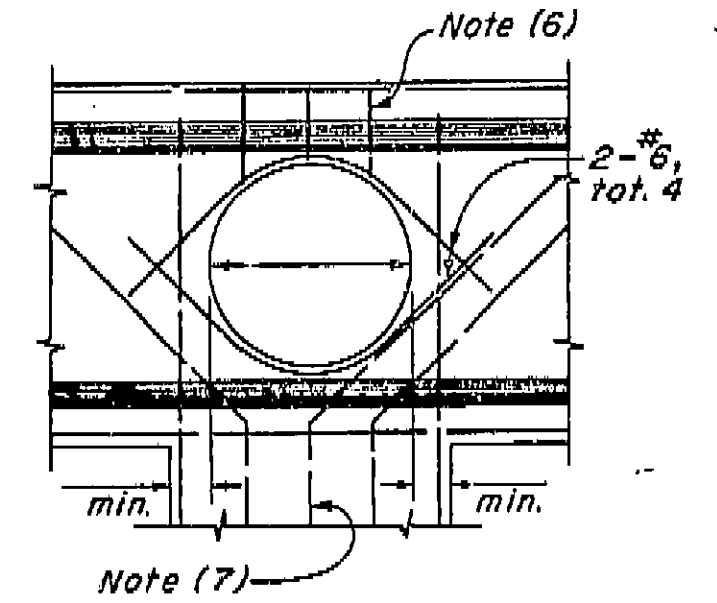
AT COLUMN
DETAIL U11



TYPICAL
DETAIL U12



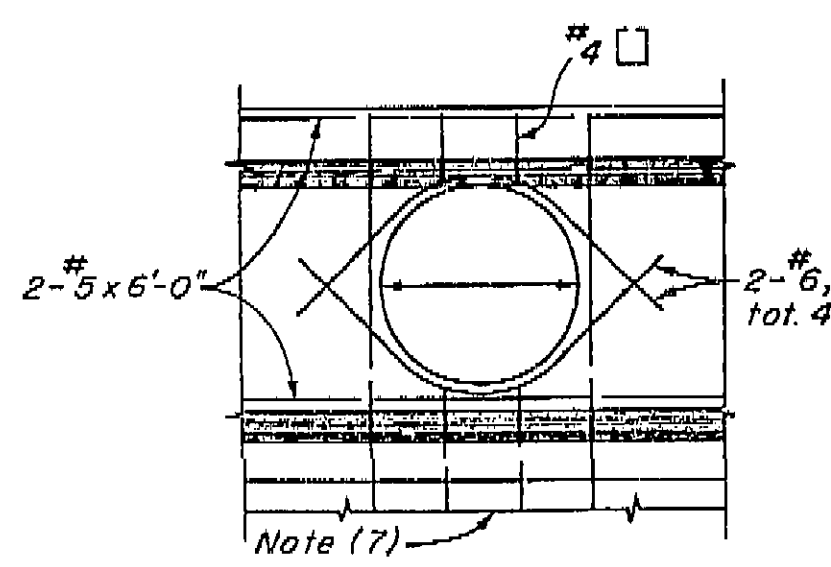
NEAR COLUMN
DETAIL U13



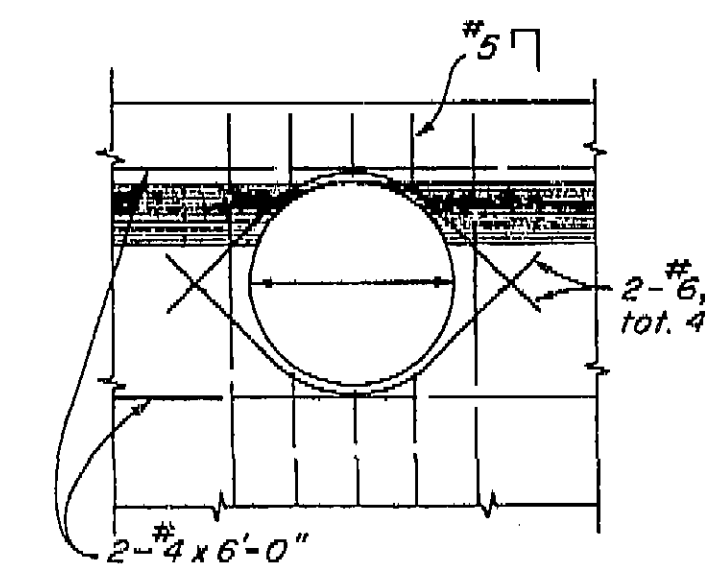
AT COLUMN
DETAIL U14

NOTES

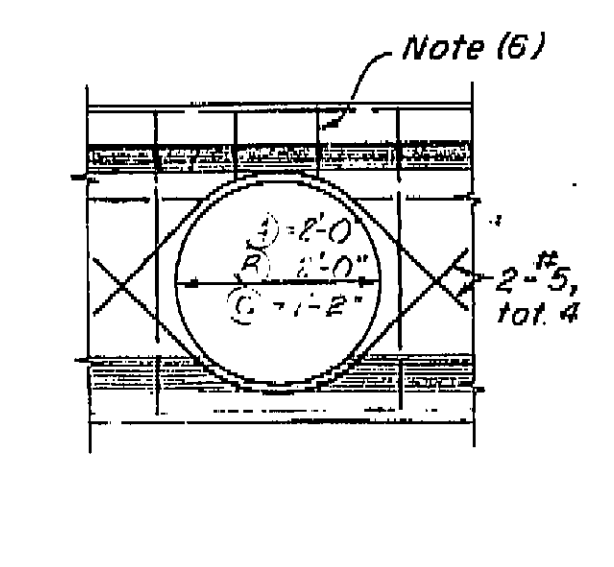
- (1) For exact location and direction of openings see other sheets.
- (2) Location and size of utility openings may be modified as directed by the Engineer, provided minimum dimensions are maintained.
- (3) Girders not shown, see other sheets.
- (4) Seal around utilities at abutments to be of sufficient strength to withstand earth pressure.
- (5) All reinforcement detailed to be placed in addition to reinforcement shown on other sheets.
- (6) Stirrups are same size as adjacent stirrups shown on other sheets.
- (7) Main reinforcement to clear opening as detailed on other sheets.



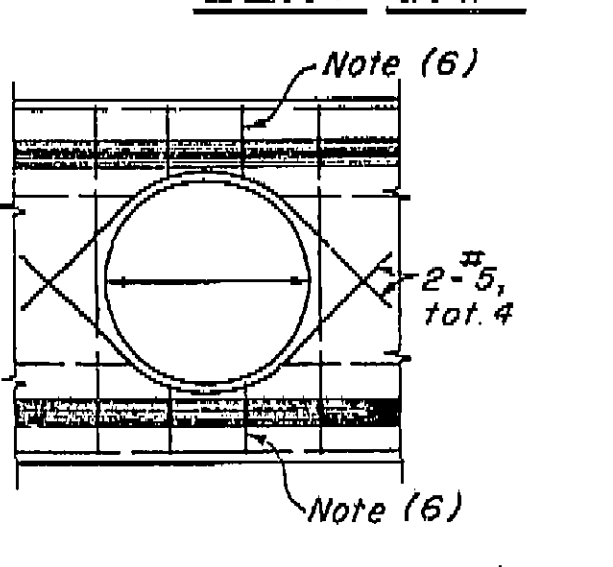
RIGID FRAME
DETAIL U15



CANTILEVER TYPE
DETAIL U16



END
DETAIL U17



INTERMEDIATE
DETAIL U18

DIAPHRAGMS

BRIDGE DEPARTMENT			
DESIGN SECTION 2			
PROJECT DESIGNER	CHIEF DESIGNER		
DESIGN	BY ED Berry	CHECKED	11/60
DETAILS	BY ED Berry	CHECKED	11/60
QUANTITIES	BY	CHECKED	11/60
SPECIFICATIONS	BY	CHECKED	11/60
APPROVAL	RECOMMENDED BY	CHECKED	11/60

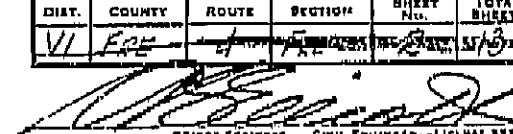
STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS	
7/57	VENTURA STREET OVERCROSSING
STANDARD UTILITY DETAIL NO.1	BOX GIRDER
SCALE NONE	BRIDGE 42-153
FILE XS-16-49	DRAWING C-42153.9

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
 DATE 11/22 SIGNATURE TITLE

U-006-2 (6)
F-006-2 (5)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
VI	FR	99		387	434

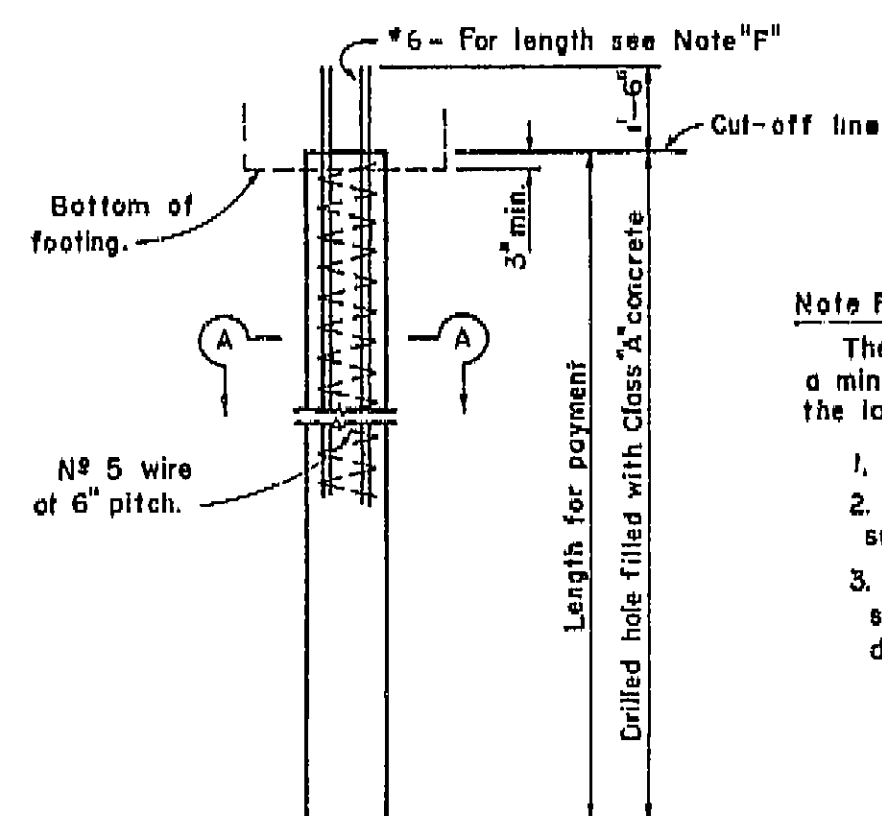
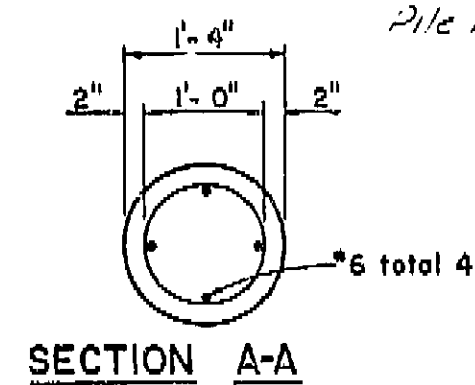
DIST.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
VI	FR	99		387	434



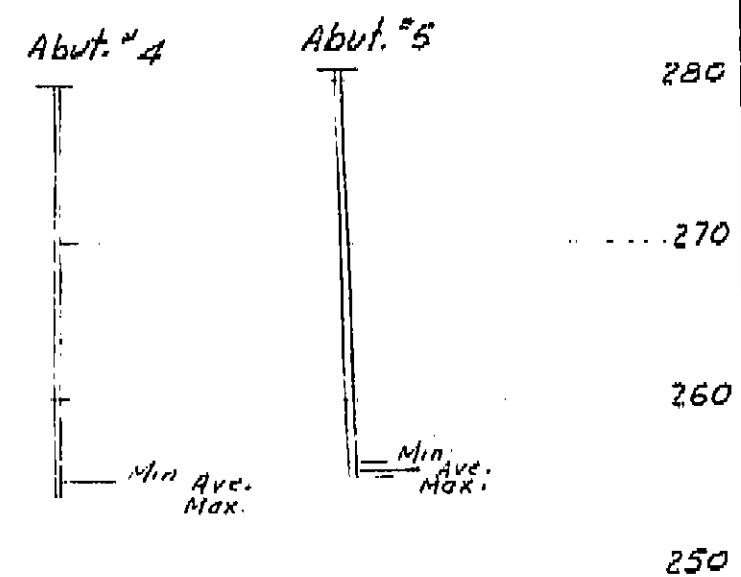
BRIDGE ENGINEER
DATE APPROVED August 28, 1961

GENERAL NOTES

Specifications
Design: AASHTO Dated 1957 with revisions and as supplemented by Bridge Planning and Design Manual.
Construction: Starting from features Division of Highways dated January 1960 and the General Provisions.
Live Load: HS-20-44 and Alternates
Unit Braces
Reinforced Concrete: $f'_c = 2,500$ psi $f_y = 40,000$ psi
Footing Pressure: 2,000 lbs. per square foot.
Pile Loading: 11 Abut. 45 Tons Type: Concrete CIDH



Note F
The #6 bars shall extend a minimum of 12'-0" below the lowest of the following:
1. Bottom of footing.
2. Top of final ground surface.
3. Top of original ground surface when piles are drilled through fill.



AS BUILT PLANS
Contract No. 62-6713C3
Date Completed
Document No. 60001062

BRIDGE DEPARTMENT
DESIGN SECTION
Project Designer: E. E. Berry
Chief Designer: R. J. Anderson

2

DESIGN	By E. D. Berry 1/80	Checked R. J. Anderson 11/60
DETAILS	By E. D. Berry 1/80	Checked R. J. Anderson 11/60
QUANTITIES	By E. D. Berry 1/80	Checked E. D. Berry 1/80
SPECIFICATIONS	By E. D. Berry 1/80	Checked E. D. Berry 1/80

Approval Recommended by: R. J. Anderson
Chief Engineer

State and National Seal, License No. 1458
Professional Engineer

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

VENTURA STREET OVERCROSSING
GRID OF DECK ELEVATIONS

SCALE 1"=20'	BRIDGE 42-158	FILE	DRAWING C-42158-2
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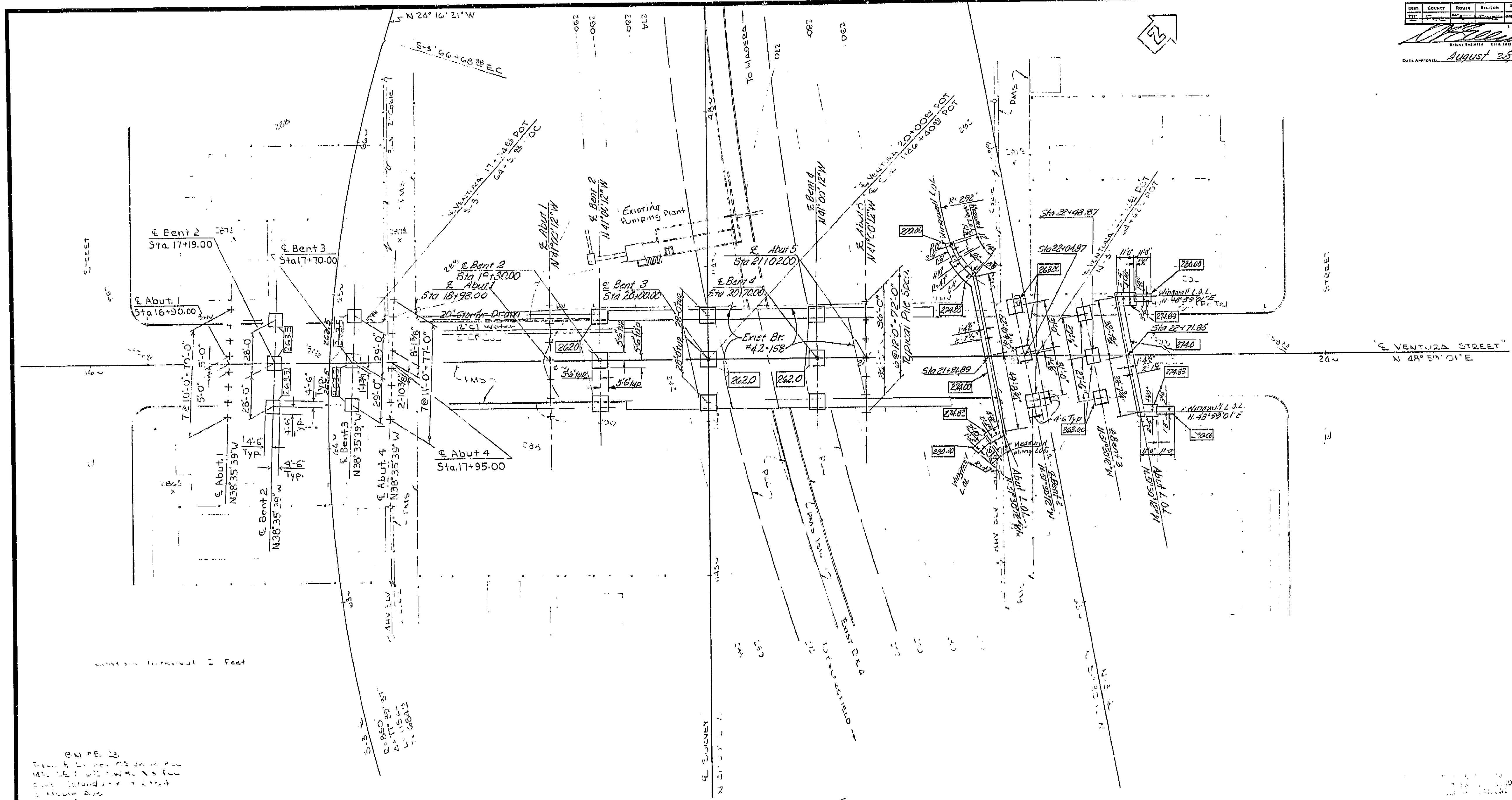
PREL. DRAWING NO. P-42-158-1
1/45

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE 1-18-72 SIGNATURE [Signature] TITLE [Title]

VI Frc 99 U-006-2 (6)
U-006-2 (5)

PER. ROAD	STATE	F.A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		358	424

DATE APPROVED: August 28 1961



000 indicates bottom of facing elevation.

AS BUILT PLANS
Contract No. 62-6T13C3
Date Completed
Document No. 60001062

BRIDGE DEPARTMENT DESIGN SECTION	
Section Supervisor	W. J. Anderson
DESIGN	By E. D. Perry 1/60
DETAILS	By E. D. Perry 1/60
QUANTITIES	By E. D. Perry 1/60

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS			
VENTURA STREET OVERCROSSING			
FOUNDATION PLAN			
SCALE 1" = 30'	BRIDGE 42-158	FILE 92	DRAWING C-42158-3

LEVEL DATUM: M.S.C. 60
FOR ALIGNMENT THE 38.4024-3
CONTOURS AS OF 3.40
SITE PLAN FROM DISTRICT DATA
SURVEY BY U.S. 11.8 DATE 8-60
DRAWN BY AS DATE 8-60
TRACED BY AS DATE 8-60

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
DATE 1-12-72 SIGNATURE [Signature] TITLE S.R. R.M.O.